



# SURI VIDYASAGAR COLLEGE

(Govt. Sponsored & Constituent college of the University of Burdwan)

SURI, BIRBHUM, PIN – 731101, Ph. No. – 03462-255504

Website : [surividyasagarcollege.org.in](http://surividyasagarcollege.org.in), e-mail: : [surividyasagarcollege1942@gmail.com](mailto:surividyasagarcollege1942@gmail.com)

This Institution is Ragging Free

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## **Records of Continuous Internal Assessments:**

**(College Notice, Internal Exam. Questions, Evaluated Answerscripts, Marks etc.)**

Suri Vidyasagar College (Govt. Sponsored)  
Suri Birbhum.

NOTICE

Date: 05.10.18

No: SVC22/481/18

All the students of Sem-I, III, and 3<sup>rd</sup> Yr, 2018-19 are directed to contact their respective departments for their internal Assessment and 1<sup>st</sup> terminal test on and from 11/10/2018 to 13/10/2018.

Sem-I - 12/10/18  
Sem-III - 13/10/18

1<sup>st</sup> Term Part-III - 11/10/18

*T.K. Parichha*  
Dr. Tapan Kr. Parichha  
Principal,  
Suri Vidyasagar College

. Principal,  
Suri Vidyasagar College

Suri Vidyasagar College (Govt. Sponsored)  
Suri Birbhum.

NOTICE

N: SVC/22/480/18

Date: 05.10.18

Head of the departments are requested to make arrangement (Question setting, collection of blank Script etc). for internal Assessment of Semester-I (C1) and Semester -III(C1) on 12/10 and 13/10/18 respectively.  
They are also requested to take 1<sup>st</sup> Terminal test (50 marks) for part-III (Hons.) on 11/10/18 at 12: 00 noon according to the following schedule :

Room allotted for the C1<sup>st</sup> Exam., 2018  
<sub>1st term.</sub>

1. All Science Hons., Economics, Geography, Mass Communication & Journalism and Arabic in their respective departments.
- 2 Commerce: Teacher-in-charge of the Commerce department may conduct the exam in the Morning shift .
- 3 Bengali Hons: Room No. A 104
- 4 English Hons: A 99
- 5 History Hons: A 100
- 6 Pol.Sc Hons: A 106
- 7 Philosophy Hons: A 98
- 8 Sanskrit Hons: H 84

*Tapan K. Parichha*  
Dr. Tapan Kr. Parichha  
Principal,  
Suri Vidyasagar College  
Principal,  
Suri Vidyasagar College

বিজ্ঞপ্তি

সিদ্দী বিদ্যাসাগর কলেজের শিক্ষক সংসদ-ব উদ্যোগে আধ্যাপক মহা.

Suri Vidyasagar College  
Suri, Birbhum

NOTICE

Date: 30.10.18

No: SVC/18/492/18

A workshop on CBCS (Structure, Syllabus, Exam, Registration etc) is going to be held on 02.11.2018 on end <sup>from</sup> before 11.30 A.M. in our Seminar Hall.  
All teaching and non-teaching staff are requested to attend the workshop positively.

*Dr. Tapan Kr. Parichha* 30/10/18  
(Dr. Tapan Kr. Parichha)  
Principal,  
Suri Vidyasagar College  
Principal,  
Suri Vidyasagar College



No: SVC/159/4745/18

**NOTICE**

Date: 01.10.18

**Suri Vidyasagar College (Govt. Sponsored)  
Suri Birbhum.**

No: SVC/22/513/18

**NOTICE**

Date: 15.11.18

All the students ( General/Generic) of Sem-I and III, 2018-19 are directed to contact their respective departments for their internal Assessment Examination(C-2) on and from 03/12/2018 to 06/12/2018 . No assignments will be received after due date

*JK Parichha*  
Dr. Tapan Kr. Parichha  
Principal,  
Suri Vidyasagar College  
Principal:  
Suri Vidyasagar College

Suri Vidyasagar College  
Suri, Birbhum

Date: 26.03.19

No: SVC/15/182/19

NOTICE

First Internal Examinations of Sem-IV will held on 13<sup>th</sup> April, 2019 .  
Students are informed to contact with head of the Departments for the purpose.

Head of the Departments are requested to take the Exam. on 13<sup>th</sup> April as per convenient method and time schedule.

*T. K. Parichha*  
Dr. Tapan Kr. Parichha  
Principal,  
Suri Vidyasagar College  
Principal:  
Suri Vidyasagar College

*27.3.19*  
*Suri*  
*27/3/19*

*Chandh*  
*27.03.2019*  
*SEM-IV Hist-Fluor*  
*Saha*  
*27.03.19*  
*27.3.19*  
*27.03.19*  
*27.03.19*

Suri Vidyasagar College  
Suri, Birbhum

No: SVC/15/248/19

NOTICE

Date: 14.05.19

2nd Internal Assesment Examinations-2019 for SEM-<sup>II</sup> ~~III~~ and SEM-IV  
(Hons. and General) students will be held on 20.05.19 and 21.05.19 .

Head of the departments are requested to take the examinations on the date as per convenient method and time schedule.

Students are directed to contact with head of the departments for details on the examination schedule etc.

*T.K. Parichha*  
Dr. Tapan Kr. Parichha  
Principal,  
Suri Vidyasagar College  
*Principal,*  
*Suri Vidyasagar College*



SURI VIDYASAGAR COLLEGE  
SURI, BIRBHUM

NOTICE

Date: 02.08.19

No: SVC/47B/360/19

H.O.D.'s are requested to submit internal Assesment marks of Sem-II,2019 (Hons.& General ) within 5/08/19 to the college office.

*Dr. Tapan Kr. Parichha*  
Dr.Tapan Kr. Parichha  
Principal,  
Suri Vidyasagar College  
**Principal**  
Suri Vidyasagar College

Sl.No	Name of the teacher	Department (Head)
1	Dr. Sristidhar Das	Bengali
2	Sri Sourav Chakraborty	English
3	Dr.Asim Choudhuri	History
4	Sri Ramesh Das	Philosophy
5	Sri Subrata Kr. Gupta	Pol. Sc
6	Sro Ramananda Roy	Economics
7	Sri Prodip Kr.Sarkar	Sanskrit
8	Sri Surya Prakash Das	Commerce
9	Dr. Somnath Choudhury	Physics
10	Sri Debabrata Saha	Chemistry
11	Sri Prasenjit Saha	Mathematics
12	Dr.Chandrik Malakar	Zoology
13	Dr. Amal Kr. Pari	Physiology
14	Sri Hemanta Saha	Botany
15	Dr. Tanmoy Mondal	Plant Protection
16	Mrs.Amrita Chatterjee	Microbiology
17	Sri Haradhan Mardi	Comp. Science
18	Smt. Sanchila Chatterjee	Journalism & Mass Commnication
19	Washim Reja	Arabic
20	Rezaul Hossain <i>Chaitali</i>	Geography
21	Prof. Koushik Dutta <i>Gurain</i>	In-charge, Morning Section (B.A)
22	Bappa Sangui	Physical Education



Department  
ROOM NO.

SURI VIDYASAGAR COLLEGE  
SURI BIRBHUM

NO:SVC/423/19/15

NOTIFICATION

DATE: 02.09.19

1<sup>st</sup> Internal Assesment Examination of SEM-I (Hons.) scheduled to be held on 07.09.19 will be held on 24.09.19

*JK Parichha*

Dr. Tapan Kr. Parichha

Principal,

Suri Vidyasagar College

Principal

*JK*  
Suri Vidyasagar College

Suri Vidyasagar College  
Suri, Birbhum

No:SVC/509/19/15

NOTICE

Date: 5.11.019

1<sup>st</sup> Internal Assesement for Sem-III & V for Hons. students will be held on 14.11.19 .

Principal,  
Suri Vidyasagar College.

**Principal**  
**Suri Vidyasagar College**

*[Handwritten Signature]*  
5/11/19

Suri Vidyasagar College  
Suri, Birbhum

No:SVC/511/19/15

NOTICE

Date: 7.11.019

In partial modification to notice No. SVC/510/19/15 dt. 5.11.19 it is for information all concerned that 1<sup>st</sup> Internal Assesement for Sem-III (Hons.) -2019 will be held on 14.11.19 & Sem-V (Hons.) will be held on 27.11.19.

It is further notified that 1<sup>st</sup> Internal Assesement for Sem-III (Gen.Course) will be held on and from 14.11.19 to 16.11.19 and Sem-V (Gen.Course) will be held on 27.11.19.

*Dr. Tapan Kr. Parichha* 07/11/19  
(Dr. Tapan Kr. Parichha)  
Principal,  
Suri Vidyasagar College.

**Principal**  
**Suri Vidyasagar College**

Suri Vidyasagar College  
Suri, Birbhum

No:SVC/512/19/15

NOTICE

Date: 7.11.019

Head of the Departments are requested to submit the Internal Marks for Sem-IV ,2019 to the college office on or before 15.11.2019 .

*Tk. Parichha 07/11/19*  
(Dr. Tapan Kr. Parichha)  
Principal,  
Suri Vidyasagar College.  
**Principal**  
**Suri Vidyasagar College**



# SURI VIDYASAGAR COLLEGE (GOVT. SPONSORED)

SURI, BIRBHUM.  
ACCREDITED BY NAAC  
AFFILIATED IN:



B. COM., B. Sc., B. A. With HONS. SUBJECTS. & M. Sc. in Zoology

Suri Vidyasagar College  
Suri, Birbhum

No: SVC/55/2020

Date:- 03.02.2020

## NOTICE

Head of the Departments / Co-ordinators of concerned Departments are requested to submit the internal Exam. marks of SEM-I, SEM-III and SEM-V, 2019 to the college office within fifteen days positively.

Please consider the matter as urgent.

Head of the Departments are also requested to arrange classes for SEM-II & SEM-IV from 03.02.2020.

Classes of SEM-V will remain suspended from 08.02.2020 .

*T.K. Parichha*  
Dr. Tapan Kr. Parichha  
Principal,  
Suri Vidyasagar College  
**Principal**  
**Suri Vidyasagar College**



**THE UNIVERSITY OF BURDWAN**  
 established in 1886  
 Rajbah, Burdwan - 713014  
 West Bengal

DEPARTMENT OF UNIVERSITY EXAMINATIONS

Office of the Controller of Examinations  
 University of Burdwan  
 Rajbah, Burdwan - 713014  
 West Bengal

**INSTRUCTIONS TO THE INVIGILATORS**  
**SURI VIDYASAGAR COLLEGE (GOVT. SPONSORED)**



SURI, BIRBHUM, 731101  
 ACCREDITED BY NAAC-'B'  
 AFFILIATED IN:

B. A., B. Sc. & B. Com. WITH HONS. SUBJECTS, & M. Sc. in Zoology

No. SYC-638/19

Date: 17.12.2019

**Notice**

Head of the departments/Coordinators of the departments are requested to take 2<sup>nd</sup> internal Assessment of students of SEM-III (Hons. & Gen.) of Day shift in between 19<sup>th</sup> Dec. to 21<sup>st</sup> Dec., 2019 if not taken by the departments. If some students failed to appear due to SEM-I Exam, 2019 their assessment may be taken on January 02, 2020.

*J. K. Paul*

Principal  
 Suri Vidyasagar College  
 Principal,  
 Suri Vidyasagar College



**THE UNIVERSITY OF BURDWAN**

Administrative Office :  
Rajbati, Burdwan-713104  
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DEPARTMENT OF CONTROLLER OF EXAMINATIONS

## INSTRUCTIONS TO THE INVIGILATORS

### SURI VIDYASAGAR COLLEGE (GOVT. SPONSORED)



SURI, BIRBHUM, 731101.

ACCREDITED BY NAAC-B\*\*  
AFFILIATED IN:

B. A., B. Sc. & B. Com. With HONS. SUBJECTS. & M. Sc. in Zoology

No. SVC/594/19

Date: 17.12.2019

#### Notice

Students of SEM-III (Hons. & Gen.) of Day shift are directed to meet with H.O.D.'S of concerned subjects for 2<sup>nd</sup> internal Assessment to be held in between 19<sup>th</sup> Dec. to 21<sup>st</sup> Dec., 2019 if not taken by the departments earlier.

*J. K. Panichha*

Principal

Suri Vidyasagar College

Principal,

Suri Vidyasagar C

SURI VIDYASAGAR COLLEGE  
SURI, BIRBHUM

No: SVC/549 /19/15

Date:- 20.11.19

NOTICE

2<sup>nd</sup> Internal Assesment Examination for SEM-I students will be held on and from 27.11.19 to 30.11.19 , students are hereby informed to contact with H.O.D.'s of concerned subjects to know the details.

*Tk-parichha*  
Dr. Tapan Kr. Parichha *22/11/19*  
Principal,  
Suri Vidyasagar College  
*mr*



# SURI VIDYASAGAR COLLEGE (GOVT. SPONSORED)



SURI, BIRBHUM, 731101

ACCREDITED BY NAAC - B+

Affiliated to the University of Burdwan

B. A., B. Sc. & B. Com. (Hons. & General) & M. Sc. in Zoology

Exam Schedule of Semester V (Hons & General), Internal Exam - 2022

Date	Time	Course	Paper
10.11.2022	12:00 Noon-12:45P.M.	All Hons. (Arts & Sc.)	CC - XI
10.11.2022	2:00 P.M.-2:45 P.M.	All Hons. (Arts & Sc.)	CC - XII
11.11.2022	12:00 Noon-12:45P.M.	All Hons. (Arts & Sc.)	DSE-1
11.11.2022	2:00 P.M.-2:45 P.M.	All Hons. (Arts & Sc.)	DSE-2
12.11.2022	12:00 Noon-12:45P.M.	GE/General	Bengali
12.11.2022	12:00 Noon-12:45P.M.	GE/General	History/Zoology/Mathematics
14.11.2022	2:00 P.M.-2:45 P.M.	GE/General	Sanskrit/Arabic/Physiology
14.11.2022	12:00 Noon-12:45P.M.	GE/General	Philosophy/Chemistry
15.11.2022	2:00 P.M.-2:45 P.M.	GE/General	Economics/Computer Sc. Plant Protection
16.11.2022	12:00 Noon-12:45P.M.	GE/General	Geography
16.11.2022	2:00 A.M.-2:45A.M.	GE/General	English
17.11.2022	12:00 Noon-12:45P.M.	All General	SEC
17.11.2022	2:00 A.M.-2:45 P.M.	GE/General	Political Sc./Botany/Physics

## Morning Shift

### Arts (General) & Commerce

It is hereby informed for all concerned that internal Assesment for Semester III and V Examination, 2022 will be held on and from 10.11.2022 to 17.11.2022. Morning - in - charge and Commerce - in-Charge are requested to conduct the internal Examinations in any convenient mode as per BU guideline.

*T. K. Parichha* 19/10/2022

Dr. Tapan Kr. Parichha

Principal

Suri Vidyasagar College

Principal

Suri Vidyasagar College



No. SVC/337/2022

Notice

Date: 19.10.2022

It is hereby notified for information of all concerned that Internal Examinations of semester III and Semester V Exam, 2022 will start on and from 10th November, 2022 in offline mode according to the following schedule:  
 Students, who are to appear in Examination December, 2022 are informed that they must appear in internal Examinations.

**Day shift**

Exam schedule of Semester III (Hons & General), Internal Exam-2022

Date	Time	Course	Paper
10.11.2022	11:00 A.M.-11:45A.M.	All Hons. (Arts & Sc.)	CC-V
10.11.2022	1:00 P.M.-1:45 P.M.	All Hons. (Arts & Sc.)	CC-VI
11.11.2022	11:00 A.M.-11:45A.M.	All Hons. (Arts & Sc.)	CC-VII
11.11.2022	1:00 P.M.-1:45 P.M.	All Hons. (Arts & Sc.) & General	SEC
12.11.2022	11:00 A.M.-11:45A.M.	GE/General	Bengali
12.11.2022	1:00 A.M.-1:45 P.M.	GE/General	Political Sc./Botany/Physics
14.11.2022	11:00 A.M.-11:45A.M.	GE/General	History/Zoology/Mathematics
14.11.2022	1:00 P.M.-1:45 P.M.	GE/General	Sanskrit/Arabic/Physiology
15.11.2022	11:00 A.M.-11:45A.M.	GE/General	Philosophy/Chemistry
15.11.2022	1:00 P.M.-1:45 P.M.	GE/General	Economics/Computer Sc. /Plant Protection
16.11.2022	11:00 A.M.-11:45A.M.	GE/General	Geography
16.11.2022	1:00 A.M.-1:45A.M.	GE/General	English
17.11.2022	11:00 A.M.-11:45 A.M.	General	Language

*J. K. Paichha*  
 Principal  
 Suri Vidyasagar College

*M*

# SURI VIDYASAGAR COLLEGE (GOVT. SPONSORED)

SURI, BIRBHUM, 731101.

ACCREDITED BY NAAC-B\*\*

Affiliated to the University of Burdwan

B. A., B. Sc. & B. Com. (Hons. & General) & M. Sc. in Zoology



No. SVC/266/2022

Date- 09.11.2022

## Notice

Classes of Semester-I will remain suspended from 10/11/2022 to 17/11/2022 due to Internal Assessment /Exam-2022 of SEM-III & Semester-V.

Room Allotment for SEM-III (H) & SEM-V (H) Internal Assessment /Exam-2022

Bengali - A 99

English- A-100

Political Sc. (Hons.)-A-104

History (H)- A-106

Philosophy (H)-H-84

Sanskrit (H) -NR-2

Arabic (H), MCJH (H), Geography (H), Economics (Hons.) and all Science (Hons) Exams will be held in the departmental Rooms.

Classes scheduled to be held in the above rooms will remain suspended during Examinations.

*J. P. Ananda*  
09/11/2022

Principal

Suri Vidyasagar College

Principal:

Suri Vidyasagar College



# SURI VIDYASAGAR COLLEGE

(GOVT. SPONSORED)  
ACCREDITED BY NAAC

*Affiliated In :*  
B. COM., B. SC., B. A. with HONS. SUBJECTS. & M. SC. in ZOOLOGY



NDI SVC/090/2022

Date.....22.11.2022.....

Suri Vidyasagar College (Govt. Sponsored)  
Suri, Birbhum. PIN-731101

Staff room

No. SVC/18/2022

Date: 12.11.2022

## Notice

This is for information of all concerned that Examinations scheduled to be held on 15.11.2022 will be held on 18.11.2022 at the same time as 15.11.2022 is a holiday on account of Celebration of birth day of Birsa Munda. Classes of 1<sup>st</sup> semester will resume from 17.11.2022. However, during examination special classes may be taken by the departments in the available rooms.



*J. Parichha*  
Principal 12/11/2022

Suri Vidyasagar College  
Principal  
Suri Vidyasagar College



# SURI VIDYASAGAR COLLEGE (GOVT. SPONSORED)



SURI, BIRBHUM, 731101

ACCREDITED BY NAAC-B<sup>++</sup>

Affiliated to the University of Burdwan

B. A., B. Sc. & B. Com. (Hons. & General) & M. Sc. in Zoology

This is for information of all concerned that internal Examinations of Semester-I Exam, Dec-2022 (Day Shift) General course will be held on and from 03.01.2023 as per previous notification according to the following schedule

Date	Course/ Programme	Time	Subject Paper	& Room No	Time	Subject Paper	& Room No
03.01/2023	UG (Hons)/Gen	11:15	Bengali (GE/Gen)- CC1A/B	A-98, A-99, A100	12:00	English (GE/Gen) CC1A/B	A-98, A-99
		11:15	Chemistry(GE/ Gen)- CC1A/B/C	R-25	12:15	Physics (GE/Gen)- CC1A/B/C	R-25
		1:15	Geography (GE/Gen)- CC1A/B	Dept.	1:15	Plant Protection (GE/Gen)- (CC1A/B/C)	Dept.
04.01.2023	UG (Hons)/Gen	11:15	History (GE/Gen)- CC1A/B	A-98, A-99, A100	12:00	Sanskrit- CC1A/B	A-98, A-99, A100
		11:15	Botany (GE/Gen) CC1A/B/C	R-25	12:15	Zoology (GE/Gen) (CC1A/B/C)	R-25
05.01.2023	UG (Hons)/Gen	11:15	Philosophy (GE/Gen)- CC1A/B	A-98, A-99, A100	12:00	Economics- CC1A/B	11-85
		1:15	Arabic (GE/Gen)- CC1A/B	G-2	1:15	Physiology (GE/Gen)- CC1A/B/C	R-25
06.01.2023	UG (Hons)/Gen	11:15	Political Sc (GE/Gen)- CC1A/B	A-98, A-99, A100	12:00	Computer Sc (Gen) CC1A/B/C	Dept

*Tapan Kumar Parichha*  
(Dr. Tapan Kumar Parichha)  
Principal

Suri Vidyasagar College,  
Birnoum, West Bengal

Principal,  
Suri Vidyasagar College

Phone:03462 255504

Page 2

# SURI VIDYASAGAR COLLEGE (GOVT. SPONSORED)



SURI, BIRBHUM, 731101

ACCREDITED BY NAAC-B\*\*  
Affiliated to the University of Burdwan

B. A., B. Sc. & B. Com. (Hons. & General) & M. Sc. in Zoology

No. SVC/1/2023

Date: 02.01.2023

## Notice

This is for information of all concerned that internal Examinations of Semester-1 Exam, Dec-2022 (Day Shift) Honours course will be held on and from 02.01.2023 as per previous notification according to the following schedule.

Date	Course/ Programme	Time	Subject & Paper	Room No.	Time	Subject & Paper	Room No.
02.01.2023	UG (Hons.)	11:15	Bengali-CC1	A-99	12:00	Bengali-CC2	A-99
02.01.2023	UG (Hons.)	11:15	English-CC1	A-100	12:00	English-CC2	A-100
02.01.2023	UG (Hons.)	11:15	History-CC1	A-104	12:00	History-CC2	A-104
02.01.2023	UG (Hons.)	11:15	Political Sc. - CC1	A-106	12:00	Political Sc. - CC2	A-106
02.01.2023	UG (Hons.)	11:15	Sanskrit-CC1	H-84	12:00	Sanskrit-CC2	H-84
02.01.2023	UG (Hons.)	11:15	Philosophy - CC1	H-85	12:00	Philosophy- CC2	H-85

Examinations of other subjects will be held in the departmental class Rooms according to the time mentioned above i.e. CC1 at 11:15 A.M. and CC2 at 12 Noon.

Head of the departments are requested to take necessary steps to complete the examinations according to the schedule.

*J. K. Panichha*

Principal,  
Suri Vidyasagar College

Phone: 03462 255504 Page 1

# SURI VIDYASAGAR COLLEGE (GOVT. SPONSORED)



SURI, BIRBHUM, 731101.

ACCREDITED BY NAAC-B\*\*

Affiliated to the University of Burdwan

B. A., B. Sc. & B. Com. (Hons. & General) & M. Sc. in Zoology

No. SVC/16/2023

Date: 10.01.2023

## Notice

Classes of Semester-I and Semester-III scheduled to be held on Arovinda Bhawan, H84 and H-85 will remain suspended on and from 10.01.2023 to 14.01.23 due to the Semester end Examination, 2022 of Semester-V.

Some special classes may be held during the Semester end Examination, 2022 of Semester-V scheduled to be held on and from 10.01.2023 to 24.01.2023 subject to the availability of Class Rooms and teachers. Students are informed to contact with Head of the departments and other teachers.

All classes will remain suspended on 21.01.2023 and 24.01.2023 due to the Semester end Examination, 2022 of Semester-V.



*D. K. Panichha 10/01/2023*

Principal

Suri Vidyasagar College

Principal,

Suri Vidyasagar College

**SURI VIDYASAGAR COLLEGE (Govt. Sponsored)**  
**SURI VIDYASAGAR COLLEGE (Govt. Sponsored)**  
**Suri, Birbhum**

No.:- 16/19(Morn)

Date: - 14/01/2019

Notice

The students of B.A 3<sup>rd</sup> year (Morning) are directed to appear for viva voce test on the following scheduled.

Date	Subject	Time	Venue	Room No
21.01.19	HIST,	8.00am	Aurovinda Bhaban	99
21.01.19	POL.SC,	8.00am	Aurovinda Bhaban	100
21.01.19	PHY.EDU	8.00am	Aurovinda Bhaban	98
22.01.19	BENG,	8.00am	Aurovinda Bhaban	104
22.01.19	SANS,	8.00am	Aurovinda Bhaban	100
22.01.19	ENVS,	8.00am	Aurovinda Bhaban	99
22.01.19	PHIL	8.00am	Aurovinda Bhaban	106

*[Signature]*  
Teacher-in-charge  
14.01.19  
Morning Arts  
SURI VIDYASAGAR COLLEGE



**SURI VIDYASAGAR COLLEGE (Govt. Sponsored)**  
**Suri, Birbhum**  
**MORNING SHIFT**

No.- 20 /2019(Morn)

Date: - 11/04/2019

Notice

Internal exam for Sem-IV (morning shift) will be held as per following schedule.

B.A GENERAL SEMESTER -IV INTERNAL EXAM 2019

Date	Time	Subject
10 <sup>th</sup> May 2019	8:00-8:30 AM	Bengali
10 <sup>th</sup> May 2019	9:00-9:30 AM	Pol. Science
11 <sup>th</sup> May 2019	8:00-8:30 AM	Philosophy
11 <sup>th</sup> May 2019	9:00-9:30 AM	History
13 <sup>th</sup> May 2019	8:00-8:30 AM	L2-2
13 <sup>th</sup> May 2019	9:15-9:45 AM	SEC
14 <sup>th</sup> May 2019	9:00-9:30 AM	Sanskrit
14 <sup>th</sup> May 2019	9:00-9:30 AM	Physical Education

N.A: অনিবার্ণ University exam. 20 Admit  
এবং সর্ব মতাবে রইত।

*[Signature]*  
Teacher-in-charge  
Morning Arts  
SURI VIDYASAGAR COLLEGE



## SURI VIDYASAGAR COLLEGE

### MORNING SHIFT

#### INVIGILATION DUTY CHART OF B.A. GENERAL SEMESTER II INTERNAL EXAMINATION 2019

Date: 06.05.2019	Time: 8.00 – 8.30	Sub: Bengali
SC, SB, AA, CA, CS, PB, BS, SM, US, AM, WM, BM.		
Date: 06.05.2019	Time: 9.00 – 9.30	Sub: Political Science
SC, SB, AA, CA, CS, PB, BS, SM, US, AM, WM, BM.		
Date: 07.05.2019	Time: 8.00 – 8.30	Sub: Philosophy
SC, SB, AA, CA, CS, PB, BS, SM, US, AM, WM, BM.		
Date: 07.05.2019	Time: 9.00 – 9.30	Sub: History
SC, SB, AA, CA, CS, PB, BS, SM, US, AM, WM, BM.		
Date: 08.05.2019	Time: 8.00 – 8.30	Sub: L2-1
SC, SB, AA, MM, CS, PB, BS, SM, US, AM, WM, BM.		
Date: 08.05.2019	Time: 9.00 – 9.30	Sub: L2-1
SC, SB, AA, MM, CS, PB, BS, SM, US, AM, WM, BM.		
Date: 14.05.2019	Time: 8.00 – 8.30	Sub: Sanskrit & Physical Education
AM, SM, BS, CA, PB, CS.		

↓  
03/05/19  
Morning Arts  
SURI VIDYASAGAR COLLEGE

**SURI VIDYASAGAR COLLEGE**

**MORNING SHIFT**

**INVIGILATION DUTY CHART OF B.A. GENERAL SEMESTER IV INTERNAL  
EXAMINATION 2019**

Date: 10.05. 2019	Time: 8.00 – 8.30	Sub: Bengali
CS, US, SM, PB, BS, AA, SC, AM, WM, KC, SB, MM.		
Date: 10.05. 2019	Time: 9.00 – 9.30	Sub: Political Science
CS, AM, SM, BS, US, WM.		
Date: 11.05. 2019	Time: 8.00 – 8.30	Sub: Philosophy
KC, US, CS, BM, BS, AM.		
Date: 11.05. 2019	Time: 9.00 – 9.30	Sub: History
US, BM, BS.		
Date: 13.05. 2019	Time: 8.00 – 8.30	Sub: L2-2
CA, BS, CS, SM, PB, AA, KC, AM, WM, MM, BM, US.		
Date: 13.05. 2019	Time: 9.15– 9.45	Sub: SEC
CA, BS, CS, SM, PB, AA, KC, AM, WM, MM, BM, US.		
Date: 14.05. 2019	Time: 9.00 – 9.30	Sub: Sanskrit & Physical Education
SM, CS, AM, PB, BS, CA.		

*Done.*  
02/05/19  
MOUNSINGPATIS  
SURI VIDYASAGAR COLLEGE

**SURI VIDYASAGAR COLLEGE (Govt. Sponsored)**

**Suri, Birbhum  
MORNING SHIFT**

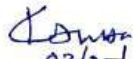
Date:- 03.05.2019

No.:- 22/2019(Morn.)

**Invigilation Duty Sheet**

**B.A GENERAL SEMESTER -II INTERNAL EXAM 2019**

Date	Time	Subject	Room	Room no	Invigilator Name
6 <sup>th</sup> May 2019	8:00-	Bengali-406	4	A99-	CS, PB, SC
	8:30			A100-	BS, CA, SB
	AM			A104-	AA, SM, US
				A106-	AM, WM, BM
6 <sup>th</sup> May 2019	9:00-	Pol. Science-505	4	A99-	CS, PB, SC
	9:30			A100-	BS, CA, SB
	AM			A104-	AA, SM US
				A106-	AM, WM, BM
7 <sup>th</sup> May 2019	8:00-	Philosophy-641	6	A99-	AA, PB
				8:30	A100-
	AM			A104-	CA, BS
				A106-	AM, SC
				84	SB, US
				98	WM, BM
7 <sup>th</sup> May 2019	9:00-	History-454	4	A99-	AA, PB, US
	9:30			A100-	SM, CS, SB
	AM			A104-	CA, BS, BM
				A106-	AM, SC, WM
8 <sup>th</sup> May 2019	8:00-	L2-1, -500 University Roll 180431010001- 180431010500	6	A99-	SM, CS
				8:30	A100-
	AM			A104-	AM, SC
				A106-	MM, BS
				84-	WM, BM
				98-	SB, US
8 <sup>th</sup> May 2019	9:00-	L2-1, -500 University Roll 180431010501- 180431011012	6	A99-	SM, CS
				9:30	A100-
	AM			A104-	AM, SC
				A106-	MM, BS
				84-	WM, BM
				98-	SB, US
14 <sup>th</sup> May 2019	8:00-	Sanskrit-225	2	A104-	SM, AM
	8:30			A106-	BS, CA
14 <sup>th</sup> May 2019	8:00-	Physical Education-48	1	98-	PB, CS

  
 03/05/19  
 Teacher-in-charge  
 Morning Arts  
 SURI VIDYASAGAR COLLEGE

SURI VIDYASAGAR COLLEGE (Govt. Sponsored)

Suri, Birbhum

MORNING SHIFT

No.: 22/2019(Morn)

Date: 09.05.2019

Invigilator<sup>ion</sup> Duty Sheet

B.A GENERAL SEMESTER -IV INTERNAL EXAM 2019

Date	Time	Subject	Room	Room no	Invigilator Name
10 <sup>th</sup> May 2019	8:00-8:30 AM	Bengali- 350	4	A99-	US, CS, SM
				A100-	PB, BS, AA
				A104-	SC, AM, WM
				A106-	KC, SB, MM
10 <sup>th</sup> May 2019	9:00-9:30 AM	Pol. Science- 128	2	A99-	CS, AM, SM
				A100-	BS, US, WM
11 <sup>th</sup> May 2019	8:00-8:30 AM	Philosophy- 214	2	A99-	KC, US, CS
				A100-	BM, BS, AM
11 <sup>th</sup> May 2019	9:00-9:30 AM	History-107	1	A100-	US, BM, BS
13 <sup>th</sup> May 2019	8:00-8:30 AM	L2-2-441	4	A99-	BS, CA, US
				A100-	CS, SM, BM
				A104-	PB, AA, KC
				A106-	AM, WM, MM
13 <sup>th</sup> May 2019	9:15-9:45 AM	SEC-	4	A99-	AM, WM, KC
				A100-	PB, AA, MM
				A104-	CS, SM, BS
				A106-	US, BM, CA
14 <sup>th</sup> May 2019	9:00-9:30 AM	Sanskrit-47	1	A100-	SM, CS, AM
14 <sup>th</sup> May 2019	9:00-9:30 AM	Physical Education- 26	1	A98-	PB, BS, CA

*Signature*  
07/05/19  
In-charge  
Morning Arts  
SURI VIDYASAGAR COLLEGE



**SURI VIDYASAGAR COLLEGE (Govt. Sponsored)**  
**SURI, BIRBHUM**  
**MORNING SHIFT**  
**NOTICE**

Ref No. *R5/2019(MORN)*

DATE - 19/06/2019

Students of Sem-II and Sem-IV who did not appear in Examination earlier are directed to appear in internal Examination on 25.06.2019 at 8:00am.

Venue : **Arabinda Bhaban**

**B.A GENERAL SEMESTER -II INTERNAL EXAM 2019**

Date	Time	Subject
25 <sup>th</sup> June 2019	8:00AM	Bengali, Pol.Science, Philosophy, History, Sanskrit , Physical Education, L2-1.

**B.A GENERAL SEMESTER -IV INTERNAL EXAM 2019**

Date	Time	Subject
25 <sup>th</sup> June 2019	8:00AM	Bengali, Pol.Science, Philosophy, History, Sanskrit , Physical Education, L2-2, SEC.

*Sownd.*  
*19/06/19*  
**Teacher-in-charge**  
**Morning Arts**  
**SURI VIDYASAGAR COLLEGE**



# SURI VIDYASAGAR COLLEGE (GOVT. SPONSORED)



SURI, BIRBHUM, 731101.

ACCREDITED BY NAAC-B\*\*

AFFILIATED IN:

B. A., B. Sc. & B. Com. With HONS. SUBJECTS. & M. Sc. in Zoology

No. SVC/ 40 /19

Date: 12.09.2019

## Notice

The undersigned is pleased to inform you that Suri Vidyasagar College has been selected as nodal College of Birbhum district for organizing the observance of "Celebration of Bi-Centenary Birth Anniversary of Pandit Iswar Chandra Vidyasagar" on 26.09.2019.

In this, a meeting will be held on 13.09.2019 at H-84 at 2:00 P.M. to discuss on the organization of observance programme.

All Staffs are requested to attend the meeting for success of the celebration programme.

*J. K. Parichha* 12/09/19  
Dr. Tapan Kr. Parichha  
Principal  
Suri Vidyasagar College  
Principal  
Suri Vidyasagar College

P.O. SURI, BIRBHUM, PIN - 731 101  
Phone: SURI - (03462) 255504, 257054  
Fax. - (03462) 251754

Website: [www.surividyasagarcollege.org.in](http://www.surividyasagarcollege.org.in) e-mail: [surividyasagarcollege1942@gmail.com](mailto:surividyasagarcollege1942@gmail.com)

Notice

Internal exam for Sem. I, II & V concerning subjects will be held as per following schedule

B.A GENERAL INTERNAL EXAM 2019

Date	Time 7:30 - 8:00am	Time 8:30 - 9:00 am	Time 9:30 - 10:00 am
27.11.19	Phy. Edu Sanskrit (1 <sup>st</sup> Sem)	Philosophy (1 <sup>st</sup> Sem)	Pol. Science (1 <sup>st</sup> Sem)
28.11.19	History (1 <sup>st</sup> Sem)	Bengali (1 <sup>st</sup> Sem)	Bengali (1 <sup>st</sup> Sem)
29.11.19	Phy. Edu Sanskrit (3 <sup>rd</sup> Sem)	I. I (1 <sup>st</sup> Sem)	I. I (1 <sup>st</sup> Sem)
30.11.19	History (3 <sup>rd</sup> Sem)	Philosophy (3 <sup>rd</sup> Sem)	Pol. Science (3 <sup>rd</sup> Sem)
02.12.19	Phy. Edu Sanskrit (Sec - I)	I. I (3 <sup>rd</sup> Sem)	I. I (3 <sup>rd</sup> Sem)
03.12.19	Bengali (Sec - I)	Pol. Science (Sec - I)	Philosophy (Sec - I)
04.12.19	History (Sec - I)	Phy. Edu Sanskrit (5 <sup>th</sup> Sem)	Pol. Science (5 <sup>th</sup> Sem)
05.12.19	History (5 <sup>th</sup> Sem)	Bengali (5 <sup>th</sup> Sem)	Philosophy (5 <sup>th</sup> Sem)
06.12.19	Phy. Edu History (Sec -II)	Pol. Science Sanskrit (Sec -II)	Bengali Philosophy (Sec -II)
07.12.19	Phy. Edu History (General) (E.C.)	Pol. Science Sanskrit (General) (E.C.)	Bengali Philosophy (General) (E.C.)

Teacher-in-charge  
Morning Arts  
SURI VIDYASAGAR COLLEGE

Principal  
Suri Vidyasagar College

22.11.19

22.11.19

22/11/19

22.11.19

SURI VIDYASAGAR COLLEGE (Govt. Sponsored)  
Suri, Birbhum  
MORNING SHIFT

Date: - 18.11.2019

Notice

Internal exam for Sem-I, III & V (morning shift) will be held as per following schedule

B.A GENERAL INTERNAL EXAM 2019

Suri Vidyasagar College (Govt. Sponsored)  
Suri, Birbhum. PIN-731101  
(Accredited by NAAC-'B')

No.svc/581/19

Date: 07.12.19

Notice

Classes of SEM-I, SEM-III & SEM-V will remain suspended from 10/12/19 to 18/12/19 due to SEM-I (Hons. & Gen.) Examination, 2019 of the University of Burdwan.

Some Classes of SEM-V (Hons. & Gen.) may be held with special routine subject to the availability of Class room and teacher. Students are directed to contact with H.O.D.'s.

*T. K. Parichha*  
(Dr. Tapan Kumar Parichha)  
Principal  
Suri Vidyasagar College  
Suri Vidyasagar College

P.O. SURI, BIRBHUM, PIN - 731 101  
Phone: SURI - (03462) 255504, 257054  
Fax. - (03462) 251754

Website: [www.surividyasagarcollege.org](http://www.surividyasagarcollege.org) in e-mail: [surividyasagarcollege1942@gmail.com](mailto:surividyasagarcollege1942@gmail.com)

(General) E.U.

*S. S. Saha*  
20.11.19  
Teacher-in-charge  
Morning Arts  
SURI VIDYASAGAR COLLEGE

*A. K. Saha*  
22.11.19

*Principal*  
Suri Vidyasagar College

*S. S. Saha*  
22/11/19

*K. S. Saha*  
22/11/19

*(Signature)*  
22.11.19



# SURI VIDYASAGAR COLLEGE

(Govt. Sponsored & Constituent college of the University of Burdwan)

SURI, BIRBHUM, PIN – 731101, Ph. No. – 03462-255504

Website : [surividyasagarcollege.org.in](http://surividyasagarcollege.org.in), e-mail: : [surividyasagarcollege1942@gmail.com](mailto:surividyasagarcollege1942@gmail.com)

This Institution is Ragging Free

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Department of Botany, Suri Vidyasagar College



**Suri Vidyasagar College**

**Department of Botany**

Internal Examination

Sub: Bioinformatics

Time: **10 min**.....Date-8/10/20.....F.M.-**10**

Answer any **10** questions of the following:

**1x10=10**

1. Give an example of Protein database.
2. Define system biology.
3. What are the 3 main branches of Bioinformatics study?
4. What is Entrez?
5. Write full form of NCBI.
6. Define Bioinformatics.
7. "BLAST is a Bioinformatics database"- is it true?
8. Write one important character of Database.
9. What is the full form of BLAST?
10. Give an example of sequence submission tool to NCBI.
11. Give an example of 'biomedical literature' related bioinformatics database.
12. "EMBL is a maintainer database"- is it correct or wrong?

Tick the appropriate answer of the following:

1 x 10 = 10

1. Father of Genetics is
    - a. Gregor Johann Mendel
    - b. Gottlieb Haberlandt
    - c. William Roxburgh
    - d. Panchanan Maheshwari
  2. Variegated leaf of male *Mirabilis jalapa* will produce maximum \_\_\_\_\_ types of pollen cytoplasm
    - a. 1
    - b. 2
    - c. 3
    - d. All of the above
  3. A cross between two individual parents differing in a single pair of contrasting traits is called
    - a. Test cross
    - b. Dihybrid cross
    - c. Reciprocal cross
    - d. Monohybrid cross
  4. How many gametes are formed from this genotype: aaBBccDdeeFf
    - a. 2
    - b. 8
    - c. 16
    - d. 32
  5. Cross between AaBB x aabb is known as
    - a. Dihybrid cross
    - b. Test Cross
    - c. Both a & b
    - d. None of the above
  6. The relationship between alleles of Mendel's 7 pairs characters of Pea plant was
    - a. Complete dominant recessive
    - b. Complete Linkage
    - c. Incomplete dominant recessive
    - d. Codominant
  7. In the Mendel's dihybrid experiment how many different genotypes are found in F<sub>2</sub> generation after self-crossing from dominant phenotype individuals that found 56.25%?
    - a. 2
    - b. 3
    - c. 4
    - d. None of the above
  8. Total number of possible phenotype in this cross between two lemons is  
LlGgSsAa X LlGgSsAa , where genes exhibiting following phenotypes: L=Large, G=Green, S=Smooth, A=Aromatic, s=Small, g=Yellow, s=Wrinkled, a=Non aromatic
    - a. 4
    - b. 16
    - c. 32
    - d. 64
  9. Phenotypes of heterozygous individuals exhibit superiority than homozygous parents – this phenomenon is known
    - a. Overdominance
    - b. Penetrance
    - c. Expressivity
    - d. Overdominance
  10. Presence of mutated gene that results death or disease of an individual when it is express in homozygous recessive form, is called
    - a. Lethal gene
    - b. Dominant Lethal gene
    - c. Recessive lethal gene
    - d. All of the above
-

**Answer Sheet**

Name: \_\_\_\_\_ Sem- \_\_\_\_\_ Univ. Roll \_\_\_\_\_

<b>Question No.</b>	<b>1.</b>	<b>2.</b>	<b>3.</b>	<b>4.</b>	<b>5.</b>	<b>6.</b>	<b>7.</b>	<b>8.</b>	<b>9.</b>	<b>10.</b>
<b>Appropriate Option</b>										

Signature of Examinee with date

---

**Answer Sheet**

Name: \_\_\_\_\_ Sem- \_\_\_\_\_ Univ. Roll \_\_\_\_\_

<b>Question No.</b>	<b>1.</b>	<b>2.</b>	<b>3.</b>	<b>4.</b>	<b>5.</b>	<b>6.</b>	<b>7.</b>	<b>8.</b>	<b>9.</b>	<b>10.</b>
<b>Appropriate Option</b>										

Signature of Examinee with date

---

**Answer Sheet**

Name: \_\_\_\_\_ Sem- \_\_\_\_\_ Univ. Roll \_\_\_\_\_

<b>Question No.</b>	<b>1.</b>	<b>2.</b>	<b>3.</b>	<b>4.</b>	<b>5.</b>	<b>6.</b>	<b>7.</b>	<b>8.</b>	<b>9.</b>	<b>10.</b>
<b>Appropriate Option</b>										

Signature of Examinee with date

---

**Answer Sheet**

Name: \_\_\_\_\_ Sem- \_\_\_\_\_ Univ. Roll \_\_\_\_\_

<b>Question No.</b>	<b>1.</b>	<b>2.</b>	<b>3.</b>	<b>4.</b>	<b>5.</b>	<b>6.</b>	<b>7.</b>	<b>8.</b>	<b>9.</b>	<b>10.</b>
<b>Appropriate Option</b>										

Signature of Examinee with date

---

**Answer Sheet**

Name: \_\_\_\_\_ Sem- \_\_\_\_\_ Univ. Roll \_\_\_\_\_

<b>Question No.</b>	<b>1.</b>	<b>2.</b>	<b>3.</b>	<b>4.</b>	<b>5.</b>	<b>6.</b>	<b>7.</b>	<b>8.</b>	<b>9.</b>	<b>10.</b>
<b>Appropriate Option</b>										

Signature of Examinee with date

**Internal Examination**  
**B.Sc. Sem-1 Botany Hons.**  
**Award Sheet**

Sl No	Name of Candidates	Marks obtained
1	Marufa Nasrin	<b>8 / 10</b>
2	Abhik Das	<b>8 / 10</b>
3	Diya Seth	<b>10 / 10</b>
4	Anubha Sadhu	<b>9 / 10</b>
5	Gouranga Dhai	<b>7 / 10</b>
6	Sneha Dutta	<b>9 / 10</b>
7	Srimonta Mondal	<b>7 / 10</b>
8	Arjun Mal	<b>8 10</b>

Examiner: Dr. Anirban Paul  
(Asst. Prof. of Botany, Suri Vidyasagar College)



**Online Internal Examination**

**on**

**26.06.2020**

**B.Sc. (Gen) Sem – II**

**MCQ Pattern**

**Total questions: 20; Total Marks: 20;**

**Time: 10 minutes**

**Attempt all questions**

## Important instructions for Candidates before the starting of Online Examination

- Every candidate must **on their video** and **seat in front of camera with unmuted mode** throughout the time of examination to maintain transparency of online examination
- Each slide has single question with **4 alternative** probable answers. Candidates are requested **to opt in most appropriate answer** and to write only its option number, such as 1 / 2 / 3 / 4

- Answers are written on a sheet within the box of the table
- First write your name and roll and write “Most appropriate options:” and draw a table as below.
- Questions are answered as:
  - 1<sup>st</sup> row : Q1 to Q10 (from left to right)
  - 2<sup>nd</sup> row: Q11 to 20 (from left to right)

### Example of Answer sheet:

Name: Lockdown Amphan

Roll: 273

Most appropriate options:

2	1	2	4	4	1	4	3	3	2
4	1	3	2	2	4	3	2	2	3

- Take a **photo of your answer sheet** immediately after examination
- Send it to my personal whatsapp within 1 minute after completion of examination. **No submitted photo of answer sheet will be evaluated after that time.**
- Each question **has no serial number**, and each question **stay only 30 seconds on screen**. Candidates are requested to **select the appropriate answer of question within that time and write that immediately on your answer sheet.**
- **No request will be allow to repeat any question after 30 seconds.** So, stay attentive throughout the time of examination
- No snap shot of any question will be allow during examination. To avoid any problem keep in touch with me

9. ଭାରତୀୟ ମିଲିଟାରୀ କ୍ରିଡ଼ା, ସିକ୍ସ ନାକ୍ସନ୍  
କଡ଼ ଶିଖର କଡ଼ନ ?

1. 1750 ଆମେ

2. 1753 ଆମେ

3. 1756 ଆମେ

4. 1760 ଆମେ



9. Taxonomy - 10 'Key' words are given below:

1. Classification
2. Hierarchy
3. Organizational structure
4. Systematic approach

୫. ପ୍ୟାଲୋନିକ୍ସ୍ ଓ ଅନ୍ୟ ଉଲ୍ଲେଖ

1. ଡି. ଆର. ଡେଭି

2. ଲିନ୍ନିୟସ୍

3. ଉଭୟ

4. ପ୍ଲିଷ୍ଟୋସିନ

9. സൂചിപ്പിച്ച ഖര്യേ അടരായ, ഖടാ മാർദ്ദിയാണി?  
രേന :

1. അഹ്ലന നൃജനാന മാർദ്ദിയാണ, ജിരകൂട, മാത്രാ
2. ഖാണിനാന വിദാർ ഉണിനിയുടേ അം രേജാൻ
3. നൃജനാന ഖാണിനം മാർദ്ദന മാർദ്ദിയാണ, നായ്യാ
4. ഉന്യാന ഖാണിനം മാർദ്ദന, ഖിട, ഉന്യാൻ

9. අනුචිත මාපිණිමයන් සඳහා අප්‍රමාණය, ආවරණ  
වර්ග

1.  $20.75 \times 40.25$  මීටර් ඔරු  $3.5 \times 6.5$  මීටර්

2.  $22.15 \times 45.25$  මීටර් ඔරු  $6.5 \times 4.5$  මීටර්

3.  $28.75 \times 41.25$  මීටර් ඔරු  $4.5 \times 6.5$  මීටර්

4.  $28.75 \times 41.25$  මීටර් ඔරු  $4.5 \times 7.5$  මීටර්

9. একটি নির্দিষ্ট ভৌগোলিক অঞ্চলে, একটি নির্দিষ্ট  
আবস্থানে অধিকতর উচ্চ প্রত্যয়-  
আবস্থায়  
-

1. ২০০

2. ২০০

3. ২০০ ও ২০০

4. ২০০-২০০



Q. ICBN 2017

1. International Commission of Bird Nations
2. International Code of Botanic Nomenclature
3. International Code of Botanical Name
4. International Code of Botanical Nomenclature

୫. 'Key' ଓକ୍ ଅନ୍ତର୍ଗତ ଅତିଶୋଭା ବିଶଦ୍ଧିତରଣୀ  
ବିଶିଷ୍ଟତାରେ ଧରା ଉପ,

1. ମିଟ
2. ଟ୍ରାଞ୍ଚନ
3. ଅକ୍ସିଜେନେଟିଭ
4. ଓପ୍ଟିମିଜ

8. ਤਿੰਨਾਂ ਨਿਰਧਾਰਤ ਏਕ ਤਿਆਰਤਾ ਯੋਗ, ਸੁਨੀਤ  
ਯੋਗਿਤਿਯੋਗ (ਯੋਗ) ਅਧਾਰਿਤ, ਤਿੰਨਾਂ ਤੋਲ  
ਦਿੱਤਾ ਅਧਾਰ

$$1. 10 \text{ ਤ } 20 \text{ ਕਿ?}$$

$$2. 9 \text{ ਤ } 21 \text{ ਕਿ?}$$

$$3. 7 \text{ ਤ } 21 \text{ ਕਿ?}$$

$$4. 10 \text{ ਤ } 23 \text{ ਕਿ?}$$

9. કામળાકીનિય (Malvales) માં કયાકીનિય

1. કોર્ટ (Family)
2. ડાઈ (Order)
3. ક્લેસ (Class)
4. ડિવિઝન (Division)

8. Computer ରେ କେଉଁ କେଉଁ କିଛି କିଛି କିଛି କିଛି କିଛି କିଛି  
'Key' ରୁ

1. ଗଣିତଗଣିତଗଣିତଗଣିତ ରି
2. ଭାଗଗଣିତଗଣିତ ରି
3. ଗଣିତଗଣିତଗଣିତ ରି
4. ଗଣିତ, ଗଣିତ ରି



9. ଶ୍ଵାସକୋଷର ରକ୍ତ  
(Vasculum)

1. ଶ୍ଵାସକୋଷର ପ୍ରାଥମିକରେ କ୍ଷୀଣିକ
2. ଶ୍ଵାସକୋଷର ଦ୍ଵିତୀୟରେ ଦ୍ଵିତୀୟ କାମ୍ପା ବା କୋଷ
3. କୋଷର (କୋଷ) ଯୁକ୍ତ ବିଭାଗ
4. କୋଷର ନିର୍ମୂଳ

9. ഭിന്നനിലയിൽ അധഃപതിച്ചിട്ടുള്ള കൃഷി  
വികാസങ്ങൾ; അനുയോജ്യമായ ഭിന്നനിലയിൽ

1. അധഃപതിച്ചിട്ടുള്ള കൃഷി

2. അധഃപതിച്ചിട്ടുള്ള കൃഷി

3. അധഃപതിച്ചിട്ടുള്ള കൃഷി

4. അധഃപതിച്ചിട്ടുള്ള കൃഷി

Q. Taxonomy ਕਰਵਾਉਣ: ਪ੍ਰਾਯੋਗ ਪ੍ਰਕਿਰਮਾ 2019

1. ਨਿਰੀਖਣ
2. ਟਿੱਕਾ
3. ਆਲੋਚਨਾ
4. ਵਿਸ਼ਲੇਸ਼ਣ

8. Taxonomic Aid or Criteria

1. Morphology

2. Ecology

3. Geographical distribution

4. Habitat

Q. ଭର୍ଚୁଆଲ ଆର୍ଚିଭିଆର (Virtual Herbarium)

ରଙ୍ଗ

1. ଆର୍ଚିଭିଆର ଓଡ଼ି (ସମାପନ ଓଡ଼ିଆ ନବୁନା  
ସମାପନ ରାଠ
2. ଆର୍ଚିଭିଆର ଖିଲିଃ ସାଧାରଣ ଭାବେ ରିଭିଜନରେ  
ସମାପନ ଭାବେ ସମାପନରେ ସମାପନ ସମାପନ
3. ଆର୍ଚିଭିଆର ସମାପନ (ପା ଓଡ଼ିଆ ନବୁନା)  
ଆରମ୍ଭ ସମାପନ ରାଠ
4. ସମାପନରେ ନାହିଁ



8. ଧ୍ରୁବ ଓ ଚିତ୍ର ନିମ୍ନାଂଶ ଅନୁସାରେ ଉପରୋକ୍ତ ଉପାଦାନ  
ଅଠାଦଶଟି ଅଧିକାରୀ ଉପାଦାନ ନିମ୍ନଲିଖିତ ଉପାଦାନଗୁଡ଼ିକ  
କ୍ଷେତ୍ରଗୁଡ଼ିକର ଉପାଦାନ କରାଯାଏ ?

1. କୃଷିକର
2. ପ୍ରାକୃତିକ
3. ଆତିକାମିନୀ
4. ଅଠାଦଶ

9. സൂചിപ്പിച്ച ഖേത്ര അടയാളം സൂചനയെ തിരിച്ചറിയുന്ന  
നാല്പേര് രണ്ട്

1. അടയാളം മിതനിരീക്ഷണത്തിൽ തിരിച്ചറിയുന്ന നാല്പേര്, മിതനിരീക്ഷണ
2. മലയാള വിജ്ഞാനപ്രദ തിരിച്ചറിയുന്ന നാല്പേര്
3. മലയാള തിരിച്ചറിയുന്ന നാല്പേര്, മിതനിരീക്ഷണ
4. അടയാളം മിതനിരീക്ഷണത്തിൽ തിരിച്ചറിയുന്ന നാല്പേര്

୭. ଗୋଟିଏ ଶାଳ ଅଣାମାଠି ଉପରେ ଉଠିବାରୁ କେଉଁ କାରଣ

1. ଶାଳାଦିଆର ଶାଳ ଉପରେ
2. ଉଠିବାରୁ, ଶାଳାଦିଆର ଉପରେ ଉଠିବାରୁ
3. ଶାଳାଦିଆର ଉପରେ
4. ଶାଳାଦିଆର ଉପରେ

୭. ଜନସଂଖ୍ୟାରେ ନିମ୍ନଲିଖିତ କେଉଁ ଗୁଣାବଳି  
ଅଧିକାଂଶ ଥିବାର ସମ୍ଭାବନା ଅଧିକ?

୧. ପୁଲକ
୨. ଶିକ୍ଷା
୩. ଡିଜିଟାଲ୍
୪. ଆର୍ଥିକ ସ୍ଥିତି

**Thanks for cooperation**



**Online Internal Examination**  
**on**  
**22.05.2020**  
**B.Sc. (Honours) Sem – II**  
**MCQ Pattern**

**Total questions: 20; Total Marks: 20;**  
**Time: 10 minutes**  
**Attempt all questions**

## Important instructions for Candidates before the starting of Online Examination

- Every candidate must **on their video** and **seat in front of camera with unmuted mode** throughout the time of examination to maintain transparency of online examination
- Each slide has single question with **4 alternative** probable answers. Candidates are requested **to opt in most appropriate answer** and to write only its option number, such as 1 / 2 / 3 / 4

- Answers are written on a sheet within the box of the table
- First write your name and roll and write “Most appropriate options:” and draw a table as below.
- Questions are answered as:
  - 1<sup>st</sup> row : Q1 to Q10 (from left to right)
  - 2<sup>nd</sup> row: Q11 to 20 (from left to right)

### Example of Answer sheet:

Name: Lockdown Amphan

Roll: 209

Most appropriate options:

3	3	4	2	3	1	2	4	1	3
3	4	4	3	2	2	1	4	3	2

- Take a **photo of your answer sheet** immediately after examination
- Send it to following e-mail within 2 minutes after completion of examination. **No submitted photo of answer sheet will be evaluated after that time.** The email Id is **anirbanpaulsvcbot@gmail.com**
- Each question has **no serial number**, and each question **stay only 30 seconds on screen.** Candidates are requested to **select the appropriate answer of question within that time and write that immediately on your answer sheet.**
- **No request will be allow to repeat any question after 30 seconds.** So, stay attentive throughout the time of examination
- No snap shot of any question will be allow during examination. To avoid any problem keep in touch with me

➤ Enzymetically non degradable substance of plant cell wall is

1. Lignin

2. Cellulose

3. Wax

4. None of the above

➤ In the beginning of life, an organism draw its nutrition from dead organic matter, followed by it attacks to a host plant for fulfilment its nutrition. The organism may designated as

1. Facultative saprophyte
2. Obligate saprophyte
3. Facultative parasite
4. Obligate parasite



➤ Fungi cause maximum plant disease. Most appropriate reasons may be

- A. Fungi are suitable pathogen for maximum plants
- B. Fungi can rupture the intact cell surface of plant penetrate within host plant
- C. Fungi are maximum in the pathogenic world
- D. Maximum plants have no fungicidal compound in it

Above these which combinations are most appropriate

- 1. A and B
- 3. A and C

- 2. C and D
- 4. B and D

➤ Living organism is affected with a disease by another living organism. So, the 1<sup>st</sup> and 2<sup>nd</sup> living organisms are called respectively as

1. Host and Pathogen

2. Susceptible host and Pathogen

3. Resistant host and Pathogen

4. Susceptible host and Parasite

➤ Which one of the following is a bacterial disease

1. Loose smut of wheat
2. Red rust of tea
3. Crown gall of dicotyledonous plants
4. Early blight of potato

➤ Methylated polymer of galacturonic acid is

1. Pectin

2. Glucose

3. Galactose

4. Cellulose

➤ Pathogen of white rust of crucifer is a / an

1. Alga

2. Fungus

3. Bacteria

4. Double stranded RNA virus

➤ Branch of Biological Science deals with plant disease is known as

1. Phytogeography

2. Phycology

3. Pathology

4. Phytopathology



➤ Which of the following is not cellulose breaking enzyme present within mycopathogen

1. Cellobiose

2. Endoglucanase

3. Exoglucanase

4. Cellobiase

➤ Establishment of a pathogen within a host is called

1. Inoculation

2. Invasion

3. Infection

4. Incubation

➤ By Koch's postulate unknown pathogen is detected by comparing :

1. Symptoms of disease on infected host plant
2. Characters of unknown pathogen
3. Both of the above
4. None of the above

➤ Host-Pathogen interaction study is important to find out

1. Unknown Pathogen

2. Symptom

3. Infection strategy of pathogen

4. Controlling mechanism of disease

➤ Early blight of potato caused by

1. Member of Phycomycetous fungi
2. Member of Ascomycetous fungi
3. Member of Basidiomycetous fungi
4. Member of Deuteromycetous fungi

## ➤ Host-Pathogen interaction is

1. Symbiotic association
2. Mutualism
3. Parasitism
4. Antagonistic association



➤ External appearance of the disease is called

1. Infection

2. Symptom

3. Sign

4. None of the above

➤ Ring like black coloured burning appearance of lesions are observed throughout the leaf lamina of potato in seedling condition. The most probable idea of the disease is

1. Late blight of potato
2. Early blight of potato
3. Wart disease of potato
4. Scab disease of potato

➤ Based on the symptoms, they are broadly categorised by

1. Three types

2. Four types

3. Two types

4. Ten types

➤ Which of the following is not accepted in respect of plant disease

1. Any plant can be infected by several pathogens
2. Several plants can be infected by specific class of pathogens
3. Host-parasitic interaction is very much specific in respect of particular disease
4. Roll of environment is unimportant for establishment of disease

➤ Pathogen of Red rust of tea is

1. Viroid

2. Mycoplasma

3. Alga

4. Angiosperm

➤ Maximum types of endoparasite can enter within plants

1. By rupturing entire cell wall
2. Through open space such as stomata, wound
3. Haustorium
4. Infection peg



**Thanks for cooperation**

**Online Internal Examination**  
**on**  
**11.08.2020**  
**B.Sc. (Gen) Sem – IV**  
**MCQ Pattern**

**Total questions: 20; Total Marks: 20;**  
**Time: 10 minutes**  
**Attempt all questions**

## Important instructions for Candidates before the starting of Online Examination

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  - 2<sup>nd</sup> row: Q11 to 20 (from left to right)

### Example of Answer sheet:

Name: Lockdown Amphan

Roll: 209

Most appropriate options:

3	2	2	4	2	4	1	4	2	1
2	2	4	3	1	2	1	3	4	2

- Take a **photo of your answer sheet** immediately after examination
- Send it to following e-mail within 2 minutes after completion of examination. **No submitted photo of answer sheet will be evaluated after that time.** The email id is **anirbanpaulsvcbot@gmail.com**
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## Q - 1

➤ Most appropriate temperature for vernalization process of plants ranges between

1. 0 to -7 degree C
2. 7 to 12 degree C
3. 0 to 5 degree C
4. None of the above

## Q - 2

➤ In photosynthesis source of evolved oxygen is

1. Carbon-di-oxide
2. Water
3. Both of them
4. Atmospheric oxygen



**Q - 3**

➤ First stable compound in C3 cycle is

1. Malic acid

2. PGA

3. PGAl<sub>d</sub>

4. Glucose

## Q - 4

➤ Which of the following elements are not called as major elements or macro elements?

1. C, H and O

2. N, P and K

3. Ca, S and Mg

4. Fe, Zn and Mo

## Q - 5

➤ Vernalization is applied for

1. Seed production in rainy season
2. Flowering in low temperature
3. Seed production in low temperature
4. Flowering in high temperature

**Q - 6**

➤ Iron is an important component of

1. Cytochromes
2. Ferredoxin
3. Siroheme
4. All of them

## Q - 7

➤ Dark period is critical in

1. Short day plants
2. Long day plants
3. Day neutral plants
4. All of them

**Q - 8**

➤ Most correct full name of RUBISCO is

1. Ribulose biphosphate carboxylase
2. Ribulose diphosphate oxygenase
3. Ribulose 1,5 diphosphate carboxylase
4. Ribulose 1,5 bisphosphate carboxylase

**Q - 9**

➤ An important constituent of protein, nucleic acid and alkaloid is

1. Magnesium

2. Nitrogen

3. Sulphur

4. Calcium

## Q - 10

➤ Photorespiration is also known as

1. C2 cycle
2. C3 cycle
3. C4 cycle
4. CAM cycle



**Q - 11**

➤ Which of the following is a short day plant

1. Henbane
2. Cocklebur
3. Spinach
4. Sunflower

## Q - 12

➤ Dark reaction of photosynthesis takes place in

1. Grana
2. Stroma
3. Mitochondria
4. All of the above

## Q - 13

➤ A plant requires long day initially for growth, after that it needs short day for flowering. This kind of plant is called

1. Short day plant
2. Long day plant
3. Short Long day plant
4. Long Short day plant

## Q - 14

➤ If a plant has no photosynthetic pigment like chlorophyll, but the plant can synthesis its own food through the following process

1. Photosynthesis
2. Photorespiration
3. Chemosynthesis
4. Photo oxidation

## Q - 15

➤ PS II maximum absorbed the following wave length of light

1. 680 nm

2. 700 nm

3. 665 nm

4. 735 nm

## Q - 16

➤  $P_R$  form of phytochrome is

1. Red in colour
2. Blue in colour
3. Yellow in colour
4. Colourless

## Q - 17

➤ Photorespiration may observe in

1. C3 plants
2. C4 plants
3. CAM plants
4. All of the above

## Q - 18

➤ Compounds which are produced in light reaction and used in dark reaction are

1. GTP and ATP
2.  $\text{FADH}_2$  and NADPH with  $\text{H}^+$
3. ATP, NADPH and  $\text{H}^+$
4. Glucose and Sucrose



## Q - 19

➤ Essential condition of Vernalization is/are

1. Low temperature
2. Aerobic respiration
3. Presence of light
4. All of the above

**Q - 20**

➤ Value of Photosynthetic quotient is

1. Zero
2. One
3. Two
4. None of the above

**Thanks for cooperation**



# SURI VIDYASAGAR COLLEGE

(Govt. Sponsored & Constituent college of the University of Burdwan)

SURI, BIRBHUM, PIN – 731101, Ph. No. – 03462-255504

Website : [surividyasagarcollege.org.in](http://surividyasagarcollege.org.in), e-mail: : [surividyasagarcollege1942@gmail.com](mailto:surividyasagarcollege1942@gmail.com)

This Institution is Ragging Free

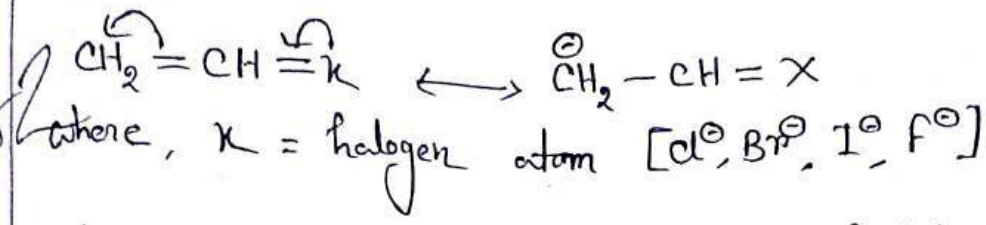
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Department of Chemistry, Suri Vidyasagar College

1) why vinyl halides react very slowly by SN2 pathway?

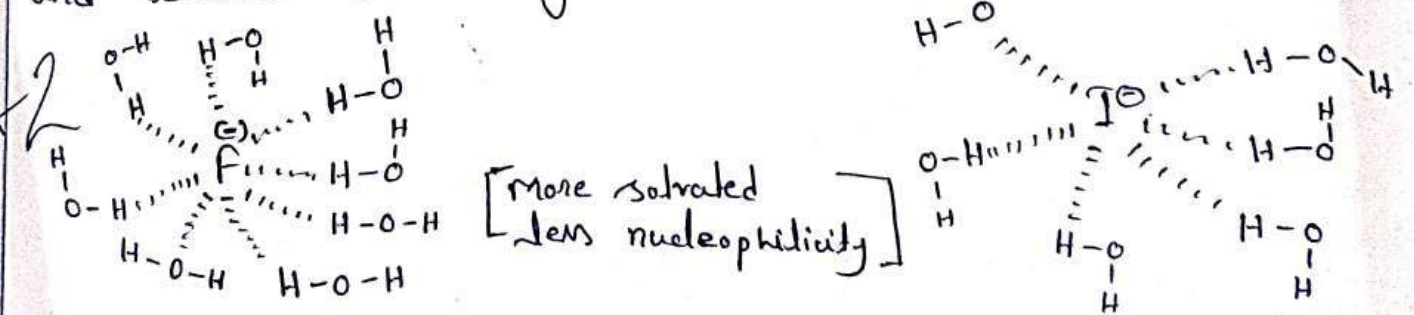
In vinyl halides, C-atom attached with X (Cl<sup>⊖</sup>, Br<sup>⊖</sup>, I<sup>⊖</sup>, F<sup>⊖</sup>) atom in sp<sup>2</sup> hybridized. This carbon atom is more electronegative i.e; it has greater hold on the bonding electron than sp<sup>3</sup> carbon atom, hence vinyl halides are very slow by SN2 pathway.

example:



2) The order of nucleophilicity of halides in protic polar solvent is I<sup>-</sup> > Br<sup>-</sup> > Cl<sup>-</sup> explain

⇒ The order of nucleophilicity of halides in protic polar solvent is I<sup>⊖</sup> > Br<sup>⊖</sup> > Cl<sup>⊖</sup> > F<sup>⊖</sup>. In the polar protic solvent (Like H<sub>2</sub>O, CH<sub>3</sub>OH etc). Due to smaller size and greater electronegativity of F<sup>⊖</sup> ion, it is more solvated in polar protic solvent through H-bonding interaction. So, it has less nucleophilic character. I<sup>⊖</sup> is bigger in size and has less electronegative character and more polarizable, due to it is less solvated in polar protic solvent and behave as strong nucleophile than F<sup>⊖</sup>.

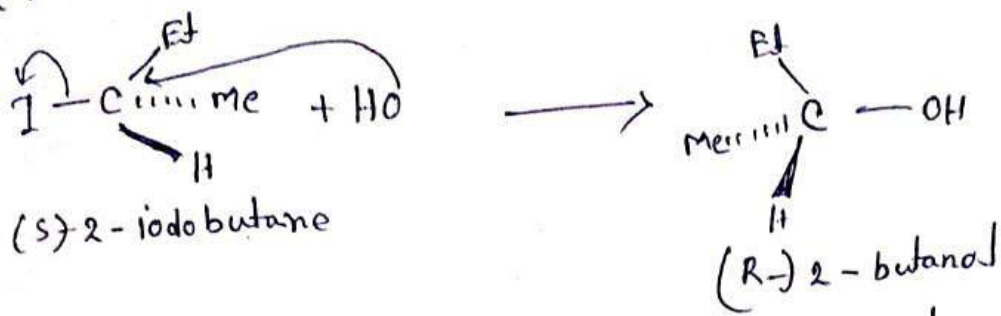
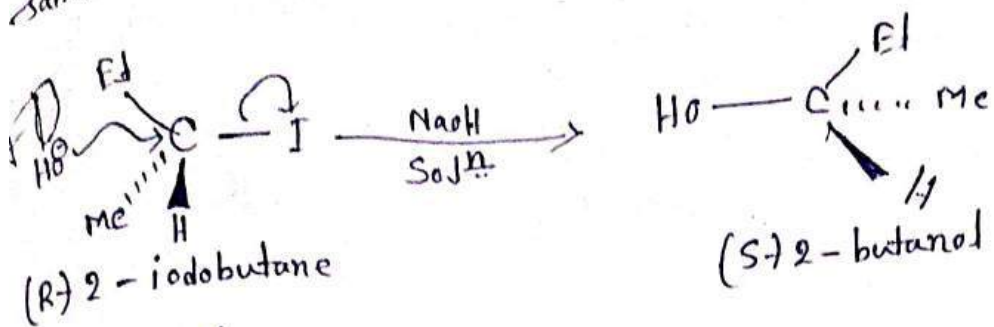


Which of the following reaction is stereospecific [more nucleophilicity character]  
- SN1, SN2, E1, E2

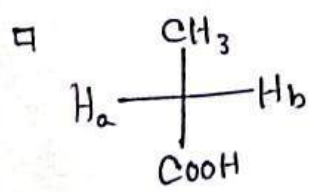
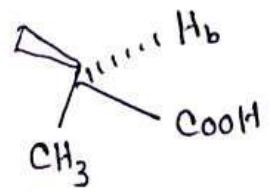
⇒ SN2 reactions are stereospecific. A stereospecific reaction is one in which stereoisomeric starting materials afford stereochemically different products under the same reaction conditions i.e. one stereoisomer of the substrate produces exclusively one. In SN2 reaction, one stereoisomer of the reactant produces exclusively one



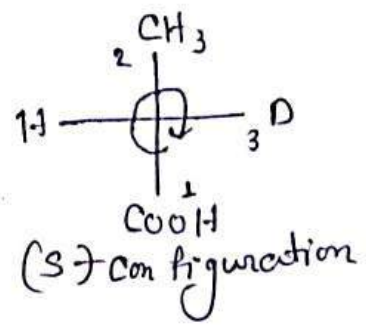
product, e.g. the starting material, (R)-2-iodobutane where NaOH solution produces exclusively (S)-2-butanol where as other stereoisomer (S)-2-iodobutane give (R)-2-butanol under the same reaction condition.



Pick out pro-R hydrogen in the given molecule.

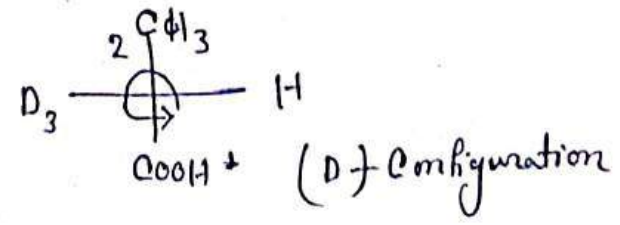


replacement of  $H_b$  by D



2

replacement of  $H_a$  by D



$H_a$  - pro R  
 $H_b$  - pro S

(b) Decide whether  $H_a$  and  $H_b$  are homotopic / enantiotopic / Diastereotopic.

$(P)$   $\xrightarrow{H_a \text{ replace by } D}$   $(I)$   $\xrightarrow{H_b \text{ replace by } D}$   $(II)$

Compound (I) and (II) are diastereomers. So  $H_a$  and  $H_b$  in Compound (P) are diastereotopic.

Why intramolecular H-bonding is preferred over inter-molecular H-bonding. (3)

□ Intramolecular hydrogen bonding is preferred over intermolecular hydrogen bonding because it leads to greater stability and lower energy states within a molecule. This is due to proximity of the hydrogen bond donor and acceptor within the same molecule, allowing for stronger and more efficient hydrogen bonding interactions. Compared to interactions between separate molecules.

10



Script No. SBUP/17/LS

Signature of the invigilator on verification

Officer in Charge

485205



*J. K. Manna*

07/10

THE UNIVERSITY OF BURDWAN

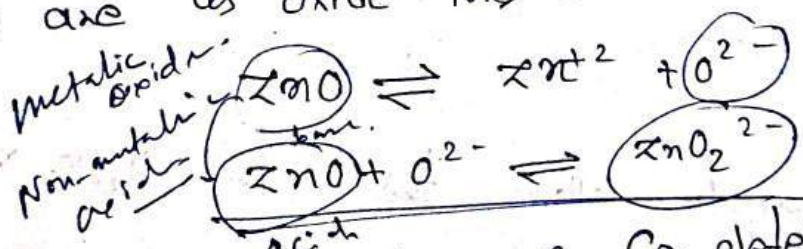
CBCS : SEMESTER.....

Examination, 201.....

Subject Inorganic chem Course cc-3 Half/Group.....

Roll 22033100 No 0057 Registration No..... of 2022-23

1) The Lux Flood concept describes acid-base behaviour in terms of oxide ion. Acids are oxide ion acceptors and bases are oxide ion donors.



example of acid-base " (H)

2) HF & HCl both are completely converted into the ammonium salts,  $\text{NH}_4^+ \text{X}^-$  in liquid  $\text{NH}_3$ . where the  $\text{NH}_4^+$  ion is the acid and behave as equally strong acid in the solvent, although HF is a much weaker acid than HCl in aqueous solution. Then  $\text{NH}_3$  act as a levelling solvent and HCl, HF appear equally strong in liq  $\text{NH}_3$ . Levelling effect of solvent - ?? (H)

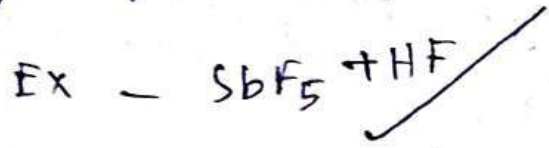


4) Paulings Proposed two empirical rule -  
 1) For an oxo-acid,  $H_nXO_m$ , having the structural formula  $O_{(m-n)} \times (OH)_n$  the acid strength as measured by  $pK_a$  value is correlated by the general rule

(18) 
$$pK_a \approx 8 - 5(m-n) \quad ?! \quad \text{See 5.11}$$

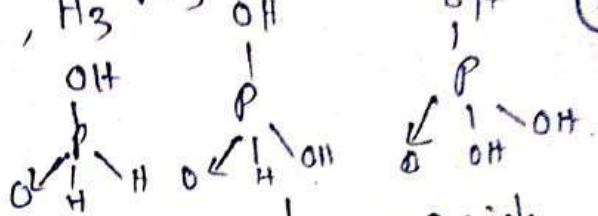
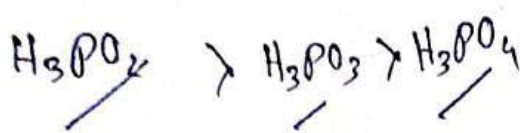
8) Superacids are  $10^6$  to  $10^{10}$  times more acid than the fairly concentrated aqueous solution of strong acids like  $H_2SO_4$ ,  $HNO_3$  etc. Super acids only exist in

(19) nonaqueous media



7) ~~The acid strength follows the order  $H_3PO_4 > H_3PO_3 > H_3PO_2$ , with  $H_3PO_4$  being the strongest due to its ability to donate three protons,  $H_3PO_3$  being moderately strong with two protons, and  $H_3PO_2$  being the weakest with only one proton. Correct~~

7) Acid strength of  $H_3PO_2$ ,  $H_3PO_3$  and  $H_3PO_4$  (2P)



From the structural viewpoint, all the three acids contain only one non-protonated oxygen while the number of OH group increases from in moving from  $H_3PO_2$  to  $H_3PO_4$ . Thus the electron withdrawal extent by the  $O \leftarrow P$  bond remains same the got even OH group,  $H_3PO_3$  - two - OH group,  $H_3PO_4$  - three OH group. change the electron withdrawal pull per OH group in minimum  $H_3PO_2$  while its maximum  $H_3PO_4$ .



Script No. SBUP/17/LS

Signature of the invigilator on verification  
Officer in Charge

485209



*Signature*

9 1/2  
10  
*Signature*

THE UNIVERSITY OF BURDWAN

CBCS : SEMESTER.....

..... Examination, 201.....

Subject..... Course..... CC-3..... Half/Group.....

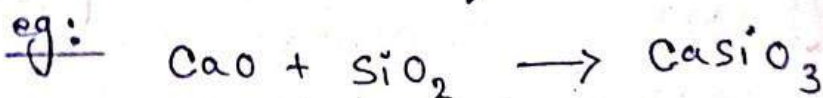
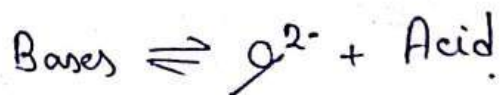
Roll No. 220331..... No. 000062..... Registration No. 202201035299 of 2022-23.....

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## 'Lux - Flood' Concept:

The Lux-flood concept describe terms of oxide ions. "Acids ion acceptor and Bases are donor."

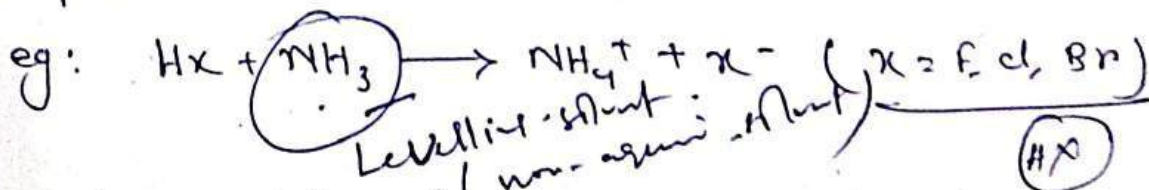
Acid-base behaviours in are consider as oxide consider as oxide ion



Here,  $\text{SiO}_2$  act as acid and  $\text{CaO}$  act as a base.

## 2) Levelling effect of Solvent: Levelling

If the reference base (i.e. solvent under consideration) is a very good proton acceptor then for different acid the extent of proton transfer may occur about  $\sim 100\%$ . i.e; the acids are almost completely dissociate. If it is occur then for all acids are appear as equally strong. Such solvent is better to as levelling solvent with respect to acids.



## 4) Pauling's Rule for oxo-acid strength:

i) For an oxo-acids,  $\text{H}_n\text{XO}_m$  having the structural formula  $\text{X}(\text{OH})_n$  the acid strength as measured by  $\text{pK}_1$  value is considered by the general rule:

$$\text{pK}_1 \approx 8 - 5(m-n)$$

For,  $(m-n) = 0$ ,  $\text{pK}_1 \approx 8.5 \pm 1$  [very weak acid eg:  $\text{HOCl}$ ,  $\text{H}_3\text{BO}_3$ ]



$(m-n) = 1$  ,  $pK_a \approx 2.8 \pm 0.9$  [weak acid, eg -  $H_2SO_3$ ,  $HClO_2$ ]

$(m-n) = 2$  ,  $pK_a \ll 0$  [strong acid  $H_2SO_4$ ,  $HClO_4$ ]

ii) For polyprotic acids (not L), the successive ionization constants of oxo-acids having more than one ionizable proton are roughly in the ratio -  $1 : 10^{-5} : 10^{-10}$

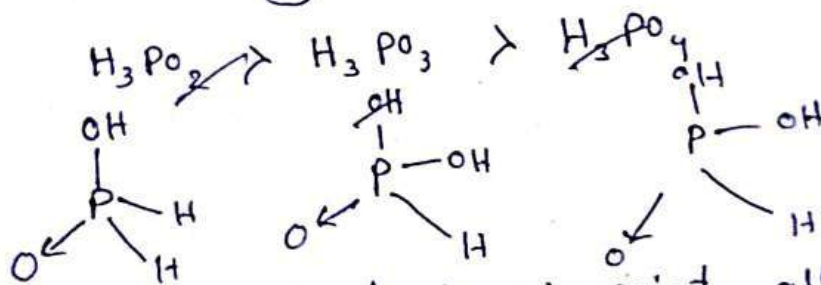
For  $K_{a1} : K_{a2} : K_{a3}$  , Thus for  $H_3PO_4$  (at 25°C);

$$K_{a1} = 7 \times 10^{-3}$$

$$K_{a2} = 6.3 \times 10^{-8}$$

$$K_{a3} = 4.8 \times 10^{-13}$$

7) Acid strength of  $H_3PO_2$ ,  $H_3PO_3$  and  $H_3PO_4$  is -



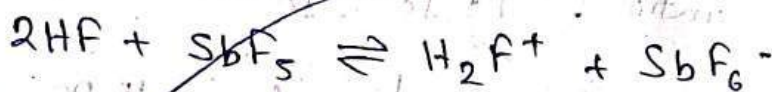
from the structural viewpoint, all the three acids contain only one non-protonated oxygen (i.e;  $O \leftarrow P$ ) while the number of  $-OH$  group increases from 1 to 3 in moving from  $H_3PO_2$  to  $H_3PO_4$ . Thus the electron withdrawing force exerted by the  $O \leftarrow P$  bond remain the same, but it get distributed over one  $-OH$  gr. in  $H_3PO_2$ , two  $-OH$  gr. in  $H_3PO_3$  and three  $-OH$  gr. in  $H_3PO_4$ . Hence, the electron withdrawing pull per  $-OH$  gr. is minimum in  $H_3PO_4$  while it is maximum in  $H_3PO_2$ .

8) Superacids: Acid media whose  $-H_0$  value lie above 6 i.e.,  $-H_0 > 6$  are nearly  $10^6$  times more stronger acidic than 1M solution (aqueous) of strong acids like  $H_2SO_4$ ,  $HNO_3$  etc, are called Super acids.

Examples:

Bronsted acid + Lewis acid

mixture of HF and  $SbF_5$





# THE UNIVERSITY OF BURDWAN



**B.SC SEM-IV EXAMINATION-2019**

**PHARMACEUTICAL CHEMISTRY INTERNAL**

**ASSIGNMENT**

**NAME :- SARIFUL HAQUE**

**ROLL NO. :- 179 (COLLEGE)**

**COURSE CODE :- SEC-2**

**ROLL NO. :- 170331000098**

**REG NO. :- 201701033523 OF 2017-18**

# CHLORAMPHENICOL

04 1/2

Q what is chloramphenicol?

Chloramphenicol is an antibiotic useful for the treatment of a number of bacterial infections and serious infections such as typhoid fever. It is known as a broad-spectrum antibiotic.

Q IUPAC NAME :->

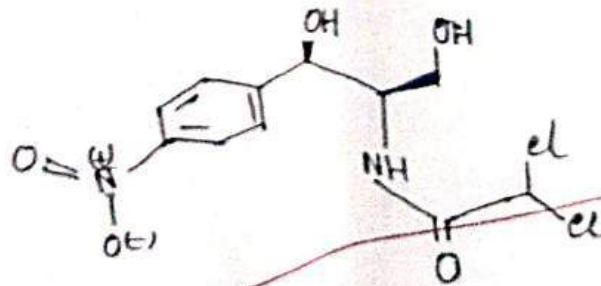
2,2-dichloro-N-[(1R,2R)-1,3-dihydroxy-1-(4-nitrophenyl)propan-2-yl]acetamide.

Q TRADE NAME :-

Chloromycetin, Paromycetin

Q Physical properties

(i) Structure :-





## (2) Pharmacokinetic data :-

(i) Bioavailability :- 75-90%

(ii) Protein binding :- 60%

(iii) Metabolism :- Liver

(iv) Elimination half-life :- 1.6-3.3 hours.

(v) Excretion :- Kidney

## (3) Physical data :-

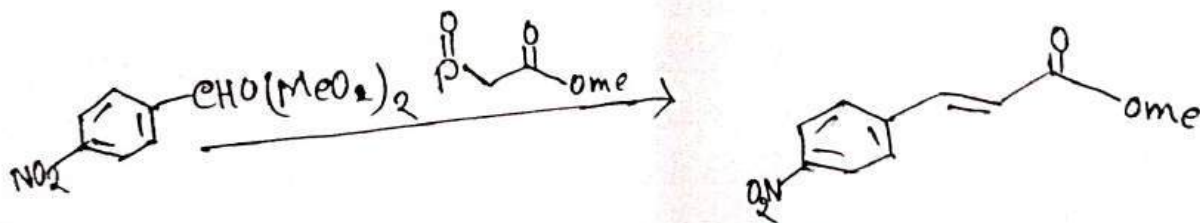
(i) Formula :-  $C_{11}H_{12}Cl_2N_2O_5$

(ii) Molar Mass :- 323.1320 g/mol.

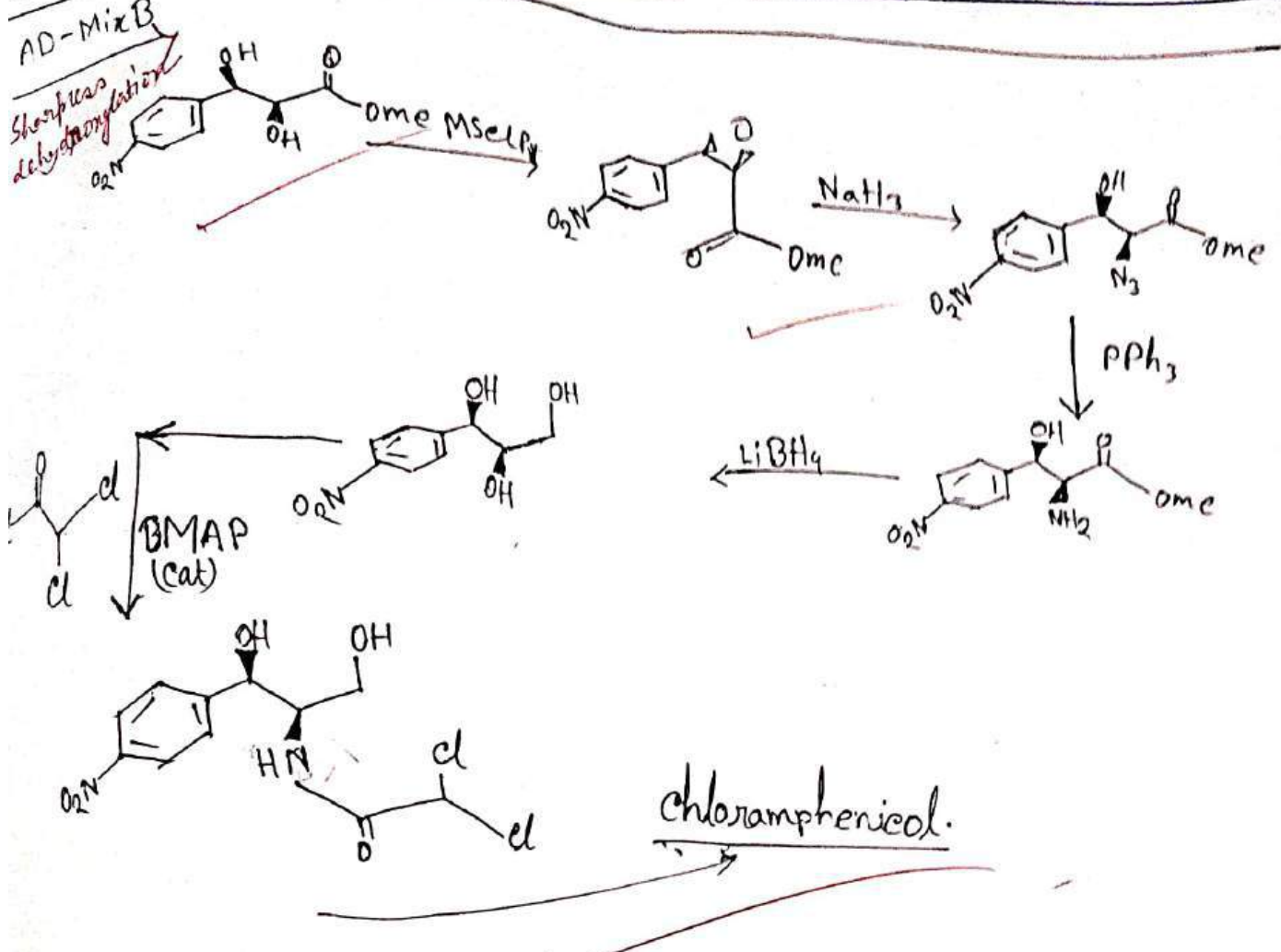
## ▣ USES :-

Chloramphenicol is an antibiotic used for the treatment of a number of bacterial infections. This includes use as an ointment to treat conjunctivitis. It is used to treat meningitis, plague, cholera and typhoid fever.

## Synthesis :-



AD-Mix B  
Sharpless asymmetric epoxidation



Adverse effects :-

The most serious side effect of chloramphenicol treatment is aplastic anaemia with it, Bone marrow suppression, Leukemia, Gray baby Syndrome, Hyper sensitivity, neurotoxic reactions etc.

+ 3 1/2

B.sc SEM-IV EXAMINATION 2018-19

Name - JOY BASKI

Roll - 43 (college)

Sub - Pharmaceutical Chemistry

Course - Sec-2 Assignment

Roll no - 170331000050

Reg. no - 201701033472 of 2017-18



# CHLORAMPHENICOL

04 1/2

Q. What is Chloramphenicol?

Ans: Chloramphenicol is an antibiotic useful for the treatment of a number of bacterial infections and serious infections such as typhoid fever. It is known as a broad-spectrum antibiotic.

✓

Q. IUPAC NAME :

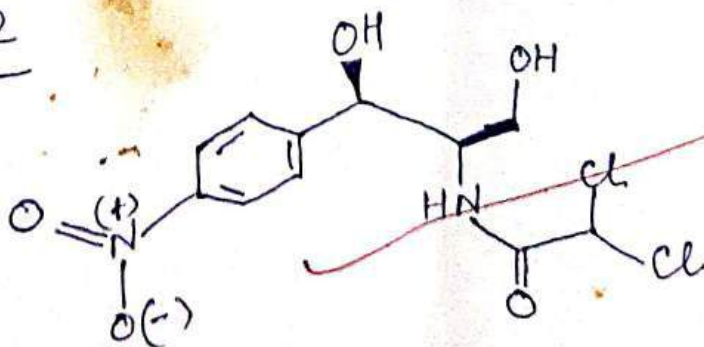
2,2-dichloro-N-[(1R,2R)-1,3-dihydroxy-1-(4-nitrophenyl)propan-2-yl]acetamide.

Q. Trade name :

chloromycetin, paromycetin

Q. Physical Properties :

Q. Structure





### 2) Pharmacokinetic data:

- i) Bioavailability - 75-90%
- ii) Protein binding - 60%
- iii) Metabolism - liver
- iv) Elimination half-life - 1.6 - 3.3 hours
- v) Excretion - kidney

### 3) Physical data

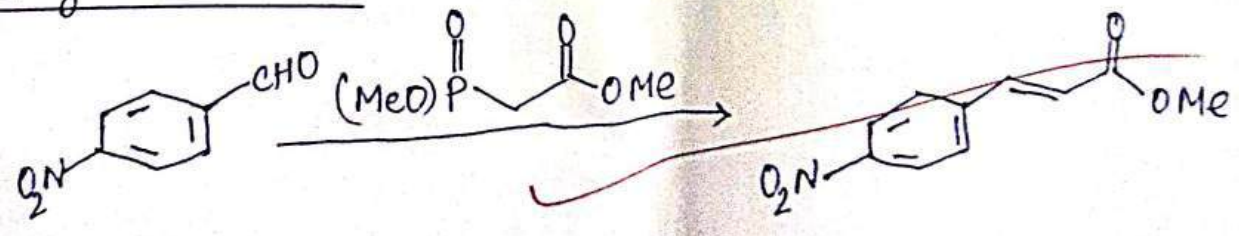
- i) Formula -  $C_{11}H_{12}Cl_2N_2O_5$
- ii) Molar mass - 323.1320 g/mol
- iii) State - Crystalline powder or fine crystal
- iv) Boiling point - 644.90°C
- v) Melting point - 171°C
- vi) Solubility - In water 2500 mg/l, very soluble in ethanol, acetone and chloroform.

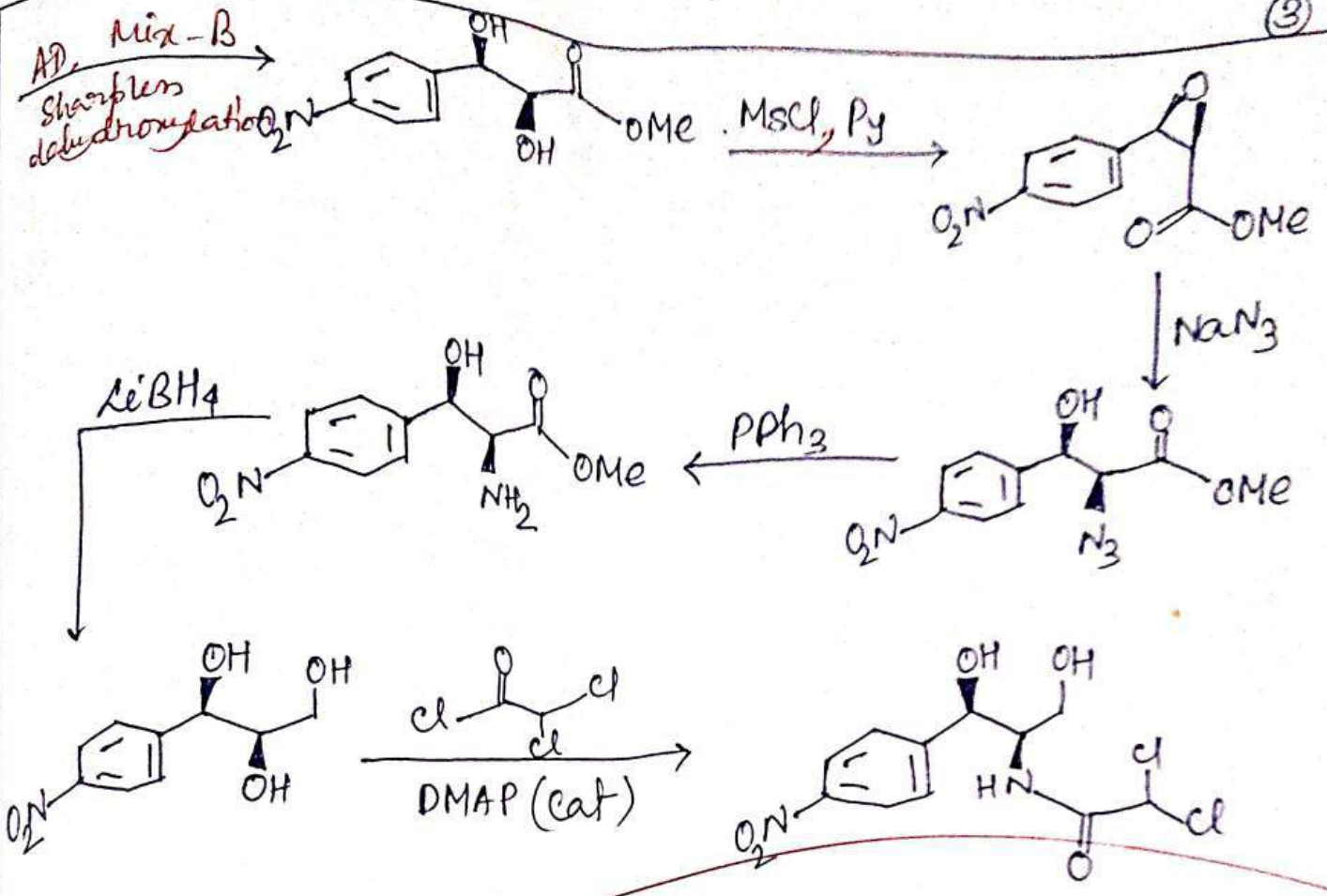
⊗

### Uses:

Chloramphenicol is an antibiotic used for the treatment of a number of bacterial infections. This includes use as an eye ointment to treat conjunctivitis. It is used to treat meningitis, Plague, cholera and typhoid fever.

### ⊗ Synthesis:





Chloramphenicol.

⊗ Adverse effects :

The most serious side effect of chloramphenicol treatment is aplastic anaemia with it. Bone marrow suppression, Leukemia, Gray baby syndrome, hypersensitivity, neurotoxic reactions etc.

+ 0.3 1/2





Sem - V (General)

SEC ~~345~~ - 3

Date: 15.12.21

Sl. No	Name	University Roll No.	College Roll No.	Signature
1.	Rittik Mondal	190631010016	192220052	Rittik Mondal
2.	Showik Garain	190631010022	192220006	Showik Garain
3.	Chonchal Mondal	190631010009	192220009	Chonchal Mondal
4.	Biswarup Choudhary	180631010008	214	Biswarup Choudhary
5.	Bikram Ghosh	190631010005	192220018	Bikram Ghosh
6.	Anirban Mukherjee	190631010001	192220005	Anirban Mukherjee
7.	Trishna Gorai	190631010027	192220012	Trishna Gorai



Anirban Mukherjee	190631010001	192220005	Anirban Mukherjee
Trishna Gorai	190631010021	192220012	Trishna Gorai
Biswanup Chowdhary	180631010008	214	Biswanup
Ritik Mondal	190631010016	192220052	Ritik Mondal
Bikram Ghosh	190631010005	192220018	Bikram Ghosh
Showik Garain	190631010022	192220006	Showik Garain
Chorchal Mondal	190631010007	192220009	Chorchal Mondal



Date: 15.12.21

Sl. No.	Name	University Roll No.	College Roll No.	Signature
1.	Subhrajit Chowdhury	190331000100	191210049	S. Chowdhury
2.	Fariddin Ali Khan	190331000036	191210057	Fariddin Ali Khan
3.	Pritam Banerjee	190331000062	191210206	Pritam Banerjee
4.	Chander Roy	190331000029	191210065	Chander Roy
5.	Monsur Ali SK	190331000055	191210066	Monsur Ali SK
6.	Agamoni Ghosh	190331000003	191210053	Agamoni Ghosh
7.	Rohit Kumar Mondal	190331000079	191210054	Rohit Kumar Mondal
8.	Gostho Gopal Jamadar	190331000037	191310037	Gostho Gopal Jamadar
9.	Apurba Mondal	190331000013	191210062	Apurba Mondal
10.	Shyamali Let	190331000089	191210052	Shyamali Let
11.	Sirshendu Mondal	190331000090	191210043	Sirshendu Mondal

CC - 12

1				
2	Fariddin Ali Khan	190331000036	191210057	Fariddin Ali Khan
3	Pritam Banerjee	190331000062	191210206	Pritam Banerjee
4	Chander Roy	190331000029	191210065	Chander Roy
5	Monsur Ali SK	190331000055	191210066	Monsur Ali SK
6	Agamoni Ghosh	190331000003	191210053	Agamoni Ghosh
7	Rohit Kumar Mondal	190331000079	191210054	Rohit Kumar Mondal
8	Sirshendu Mondal	190331000090	1912103462	Sirshendu Mondal
9	Shyamali Let	190331000089	191210052	Shyamali Let
10	Subhrajit Chowdhury	190331000100	191210049	Subhrajit Chowdhury
11	Gostho Gopal Jamadar	190331000037	191310037	Gostho Gopal Jamadar
12	Apurba Mondal	190331000013	191210062	Apurba Mondal



1

2	Fariddin Ali Khan	190331000036	191210057	Fariddin Ali Khan
3	Pritam Banerjee	190331000062	191210206	Pritam Banerjee
4	Chandran Roy	190331000029	191210065	Chandran Roy
5	Mansur Ali SK.	190331000055	191210066	Mansur Ali SK.
6	Agamoni Ghosh	190331000003	191210053	Agamoni Ghosh.
7	Rohit Kumar Mondal	190331000079	191210054	Rohit k. Mondal
8	Gostho Gopal Jamadar	190331000037	191210037	Gostho Gopal Jam
9	Apurba Mondal	190331000013	191210062	Apurba Mondal
10	Shyamali let	190331000089	191210052	Shyamali let
11	Subhrajit Chowdhury	190331000100	191210049	Subhrajit
12	Sivshendu Mondal	190331000090	191210043	Chowdhury Sivshendu Mondal

DSE - 2

1	Subhrajit Chowdhury	190331000100	191210049	Subhrajit
2	Shyamali let	190331000089	191210052	Shyamali let
3	Sivshendu Mondal	190331000090	191210043	Sivshendu Mondal
4	Fariddin Ali Khan	190331000036	191210057	Fariddin Ali Khan
5	Mansur Ali SK.	190331000055	191210066	Mansur Ali SK.
6	Agamoni Ghosh	190331000003	191210053	Agamoni Ghosh.
7	Gostho Gopal Jamadar	190331000037	191210037	Gostho Gopal Jam
8	Apurba Mondal	190331000013	191210062	Apurba Mondal
9	Rohit Kumar Mondal	190331000079	191210054	Rohit k. Mondal
10	Pritam Banerjee	190331000062	191210206	Pritam Banerjee.
11	Chandran Roy	190331000029	191210065	Chandran Roy



Sl. No.	Name	University Roll No.	College Roll No.	Signature
1)	Rishad Rahaman	200331000075	2030134	Rishad Rahaman
2)	Pradipta Das	200331000057	2030180	Pradipta Das
3)	Ranajit Mukherjee	200331000071	2030192	Ranajit Mukherjee
4)	Abhishek Das	200331000002	2030257	Abhishek Das
5)	Samardeep Singha	200331000084	2030112	Samardeep Singha
6)	Pratiksha Gosain	200331000061	2030154	Pratiksha Gosain
7)	Barsha Samanta	200331000020	2030153	Barsha Samanta
8)	Biman Mondal	200331000022	2030141	Biman Mondal
9)	Niladri Shankar Ghosh	200331000053	2030147	Niladri Shankar Ghosh
10)	Anjan Mandal	200331000007	2030130	Anjan Mandal
11)	Asrab Ghosh	200331000014	2030150	Asrab Ghosh
12)	Sx Samovsar	200331000094	2030195	Sx Samovsar
13)	Swapnil Roy	200331000112	2030168	Swapnil Roy
14)	Rimpa Chandra	200331000074	2030185	Rimpa Chandra
15)	Diptesh Saha	200331000029	2030189	Diptesh Saha
16)	Supriyo Bhowa	200331000110	2030159	Supriyo Bhowa
17)	Itisha Saha	200331000036	2030191	Itisha Saha
18)	Shirin Sultana	200331000092	2030086	Shirin Sultana
19)	Md Azaharuddin Khan	200331000045	2030092	Md Azaharuddin Khan
20)	Riya Das	200331000078	2030078	Riya Das
21)	Shibnath Bhowa	200331000091	2030134	Shibnath Bhowa
22)	Rahimuddin SK	200331000066	2030152	Rahimuddin SK
23)	Samim Akter	200331000083	2030125	Samim Akter
24)	Krishnendu Mondal	200331000042	2030161	Krishnendu Mondal
25)	Joy Krishna Saha	200331000039	2030142	Joy Krishna Saha
26)	Baban Gosain	200331000019	2030155	Baban Gosain
27)	Shekharip Sarker	200331000094	2030158	Shekharip Sarker
28)	Kritam Das	200631010018	2060012	Kritam Das
29)	Saikat Sen	200631010027	2060007	Saikat Sen
30)	Santu Mandal	200331000087	2030138	Santu Mandal
31)	Somnath Bhalla	200631000099	2030135	Somnath Bhalla
32)	Dojel Bhakat	200631010012	2060026	Dojel Bhakat
33)	Arjit Ghosh	200631010003	2060021	Arjit Ghosh
34)	Diptendu Majumdar	200631010011	2060017	Diptendu Majumdar

Sl. No.	Name
1.	Billik M
2.	Biswas
3.	Chandel
4.	Anushan
5.	Trishna
6.	Bikram
7.	Shouvik
8.	Trishna

Sl. No.	Name
35.	Buddh
36.	Arjit
37.	Asrafu
38.	Naba Kum
39.	Bikram
40.	Rahul
41.	Bikram
42.	Maham







SEM - II (Gen) Internal Assignment  
 Paper - CC - 1B (Physical) 13/5/22

Sl. no.	Name	University Roll no.	Colleg. Roll	Signature
1	Sangita Sengupta	210331000064	21030102	Sangita Sengupta
2	Md. Minhajuddin	210331000040	21030095	Md Minhajuddin
3	Sagar Kumar	210331000060	21030251	Sagar Kumar
4	Rajdeep Datta	210631010014	21060011	Rajdeep Datta
5	Rohan Roy	210631010018	21060014	Rohan Roy
6	Debasish Garain	210631010005	21060003	Debasish Garain
7	Kaushik Mali	210631010007	21060006	Kaushik Mali
8	Subhadeep Garai	210631010027	21060019	Subhadeep Garai
9	Ananya Banerjee	210631010001	21060001	Ananya Banerjee
10	Sanchita Muzum	210631010020	21060016	Sanchita Muzum
11	Madarmali Mandi	210331000035	21030241	Madarmali Mandi
12	Breetam Mustafae	210331000046	21030246	Breetam Mustafae
13	Indranil Ghosh	210331000030	21030236	Indranil Ghosh
14	Paramita Banerjee	210331000044	21030017	Paramita Banerjee
15	Ranajit Mondal	2122104044	210631010016   21060012	Ranajit Mondal
16	Shreya Ghosh	210331000066	21030255	Shreya Ghosh



## The degree of advancement of a variable

In discussion of reactions approaching an equilibrium, it is helpful to have a single variable that measures the ~~process~~ progress of all species as they move from their initial amounts to their final, equilibrium amounts. This variable is called the degree of advancement or extent of reaction, symbolize  $\xi$ .

Let us follow the example



where  $\alpha, \beta, \gamma$  &  $\delta$  are the stoichiometric numbers or coefficients. If initial moles are  $n_A^0, n_B^0, n_C^0$  and  $n_D^0$  and  $n_A^t, n_B^t, n_C^t$  and  $n_D^t$  at the time 't' then

$$\frac{n_A^0 - n_A^t}{\alpha} = \frac{n_B^0 - n_B^t}{\beta} = \frac{n_C^t - n_C^0}{\gamma} = \frac{n_D^t - n_D^0}{\delta} = \xi$$

$\xi$  has the unit of moles. Differentiating

$$d\xi = -\frac{dn_A^t}{\alpha} = -\frac{dn_B^t}{\beta} = \frac{dn_C^t}{\gamma} = \frac{dn_D^t}{\delta}$$

$$\text{or, } \frac{d\xi}{dt} = \frac{1}{-\alpha} \frac{dn_A^t}{dt} = -\frac{1}{\beta} \frac{dn_B^t}{dt} = \frac{1}{\gamma} \frac{dn_C^t}{dt} = \frac{1}{\delta} \frac{dn_D^t}{dt}$$

For  $d\xi > 0$ ,  $dn_A^+$  and  $dn_B^+$  negative, disappearance.  
 $dn_C^+$  and  $dn_D^+$ , positive, ~~appearance~~ Product.

The degree of advancement starts at zero, no matter what the initial amount (composition) since  $n_A^0 = n_A^+$  --- etc at the start. It is to remember that  $\xi$  can not increase or decrease without limit, however; its range is governed by the initial composition and the reaction stoichiometry.

\* Example :-



- We mix 4 mol  $H_2$ , 2 mol  $N_2$  and 1 mol  $NH_3$ .  
 - What are the limits on  $\xi$  for this mixture?

Ans :-

$$n_{H_2}^0 = 4 \quad \alpha = 3$$

$$n_{N_2}^0 = 2 \quad \beta = 1$$

$$n_{NH_3}^0 = 1 \quad \gamma = 2$$

- We have the equation

$$\xi = \frac{n_{H_2}^0 - n_{H_2}}{3} = \frac{n_{N_2}^0 - n_{N_2}}{1} = \frac{n_{NH_3} - n_{NH_3}^0}{2}$$

Now imagine first all the ammonia reverting to  $H_2$  and  $N_2$ , so that  $n_{NH_3} = 0$ ,

$$\xi = \frac{1 - n_{H_2}}{3} = \frac{2 - n_{N_2}}{1} = \frac{0 - 1}{2} \quad \text{--- (A)}$$

Thus  $\xi = -\frac{1}{2}$  minimum

- when  $\xi = -\frac{1}{2}$ ,  $n_{H_2} = \frac{11}{2}$ ,  $n_{N_2} = \frac{5}{2}$  moles

Now if  $N_2$  and  $H_2$  react to form  $NH_3$ ,  $\xi$  will be positive. The maximum value of  $\xi$  will be determined by the limiting reagent,

Now since  $H_2$  consumes most it will disappear first; ~~taking when  $n_{H_2} = 0$~~

taking  $n_{H_2} = 0$ ,  $\frac{1}{3} = \frac{2 - n_{N_2}}{1}$  (See A).

or,  $n_{N_2} = \frac{2}{3}$  moles

- So the limiting range of

$$\xi = \left[ -\frac{1}{2} \leq \xi \leq \frac{4}{3} \right]$$

$\therefore \xi = 2 - \frac{2}{3} = \frac{4}{3}$  mole  
← maximum →

So, <sup>the</sup> maximum value of  $n_{NH_3}$  produced is

$$n_{NH_3} = n_{NH_3}^0 + \nu \xi = 1 + 2 \cdot \frac{4}{3} = \frac{11}{3} \text{ mole}$$



Let the reaction is written as follows

$2N_2 + 3H_2 \rightleftharpoons 2NH_3$ , what would be the limit  $\xi$ ?

+

taking the same reaction

$$\xi = \frac{n_{H_2}^0 - n_{H_2}}{3} = \frac{n_{N_2}^0 - n_{N_2}}{2} = \frac{n_{NH_3} - n_{NH_3}^0}{2}$$

taking  $n_{NH_3} = 0$ ,  $\xi = -\frac{1}{2}$  moles

Now

$$4 - n_{H_2} = -\frac{1}{2} \times 2$$

$$\therefore n_{H_2} = +3 + 1 = 4 \text{ moles}$$

Thus when  $\xi = -\frac{1}{2}$  moles

$$n_{H_2} = 4 \text{ moles}$$

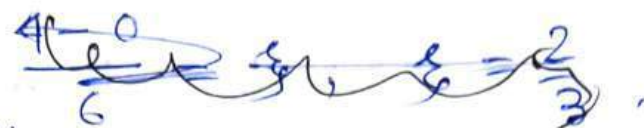
$$n_{N_2} = 2 \text{ moles}$$

$$2 - n_{N_2} = -\frac{1}{2} \times 2$$

$$n_{N_2} = 2$$

27/10/21

taking  $n_{H_2} = 0$

0. 

$$\frac{4-0}{6} = \frac{1-n_{N_2}}{12} \quad \therefore n_{N_2} = 1 - \frac{4}{3} = \underline{\underline{-\frac{1}{3}}}$$

$$\therefore \xi = \frac{1 + \frac{1}{3}}{2} = \underline{\underline{\frac{2}{3}}}$$

range of  $\xi$

$$-\frac{1}{4} \leq \xi \leq \frac{2}{3}$$

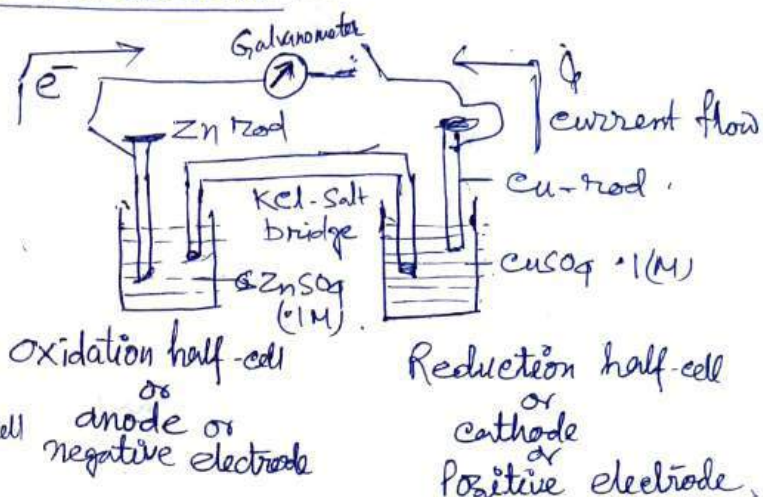
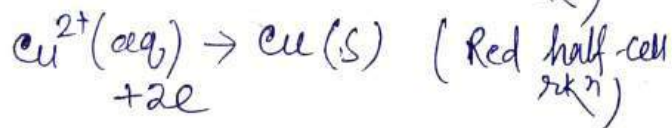
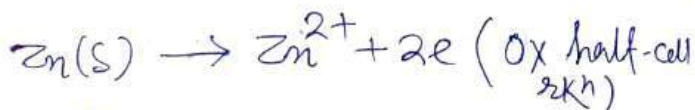
Since  $\xi$  is inversely proportional to the stoichiometric coefficients, multiplying a balanced reaction by a given factor divides the  $\xi$  limits by the same factor.

# Electromotive Cell

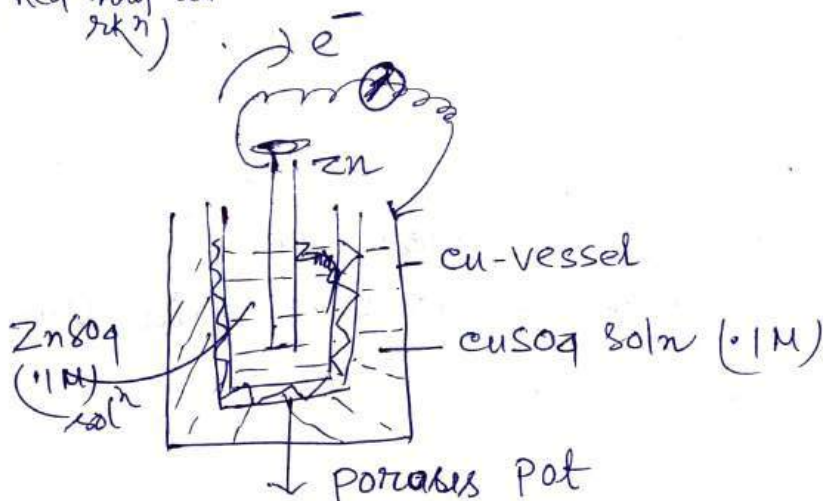
## Different types of cell reactions :-

### \* Galvanic Cell

Cell reaction



### \* Daniell Cell



### \* Representation of a Galvanic cell diagram :-

⊕ Following are the IUPAC rule for representing a cell diagram

① An electrode is formulated by writing the symbol for the metal or non-metal followed by that of the solution or the ion in which the metal



OR non-metal is immersed. The two (electrode and the solution) are separated by a solid vertical line (indicates phase boundary) OR a contact between two phases). For the anode it is written as such but for the cathode it is written in the reversed manner.

(ii) The two species (ions or molecules) present in the same phase are separated by a comma, e.g.

$\text{Pt} | \text{Fe}^{2+}(\text{aq}), \text{Fe}^{3+}(\text{aq})$  in which both the ions are present in the same aqueous solution.

(iii) The phase boundary between two miscible liquid is indicated either by a single dotted vertical line or double solid vertical line which shows the presence of a salt-bridge.

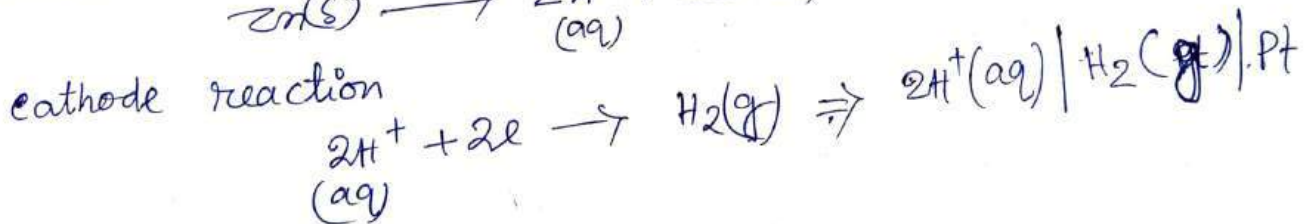
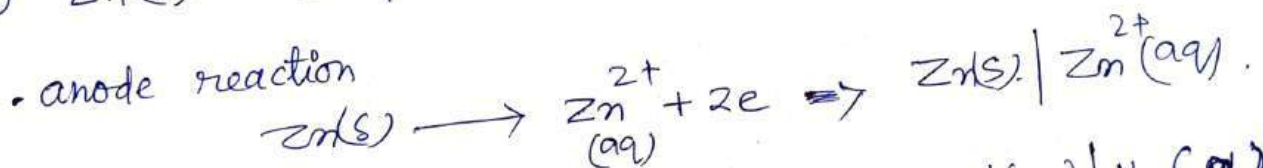
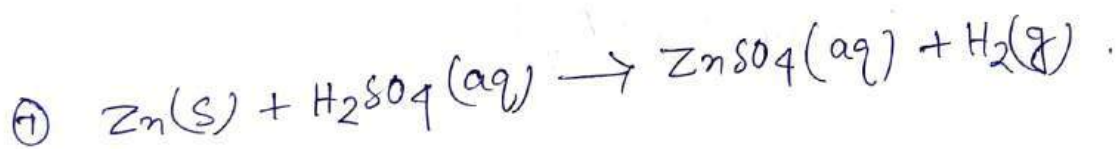
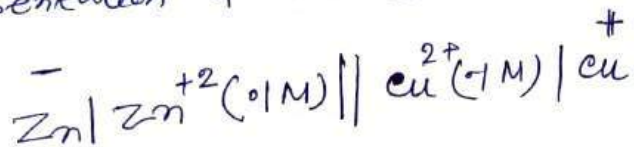
(iv) The anode or negative electrode of the cell is written on the left side while the cathode or positive electrode on the right side of the cell notation.

(v) The conc. of the substances involved are mentioned in the brackets following symbols/formulae of the substances (ions, solutions, solids, gases etc.) to represent conc. of the substances the term activity must be used for an ionic solute. However, for

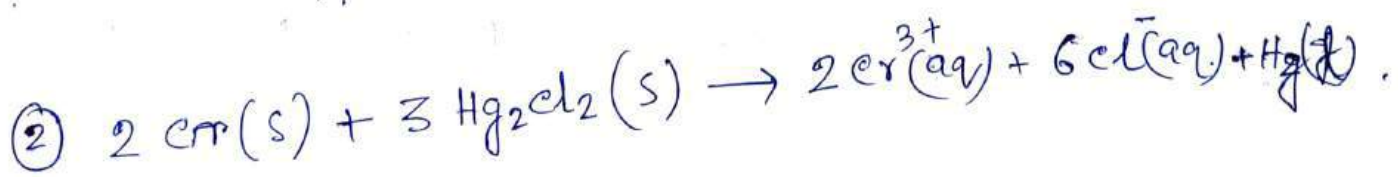
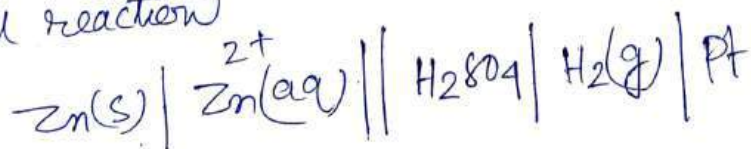
a dilute solution of an electrolyte, its molar or molal conc. may be used. For gases, the activity is approximately equal to pressure in atmospheres.

(vi) The overall cell reaction is the sum of the oxidation reaction occurring at the anode and the reduction reaction taking place at the cathode of the cell. It is obtained by suitably combining the equations for the two half-reactions.

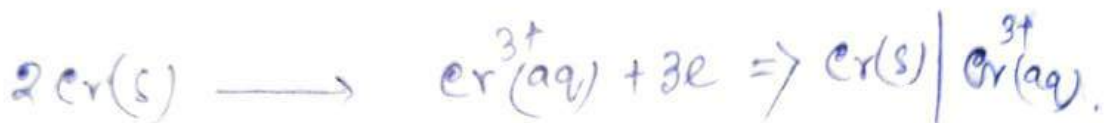
\* Representation of the Daniell cell



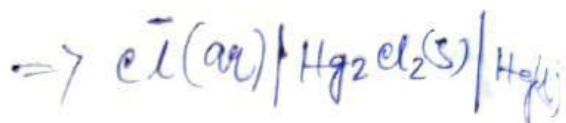
Overall reaction



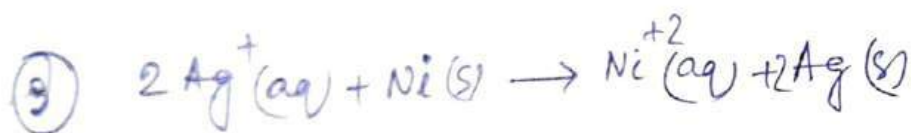
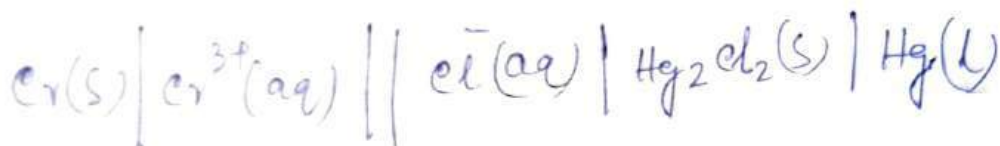
- Anode reaction



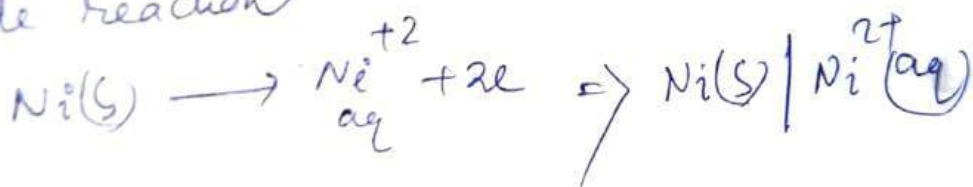
cathode reaction



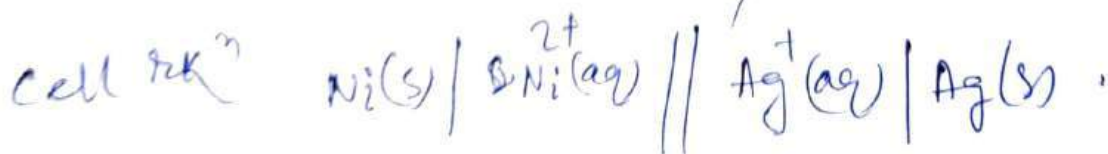
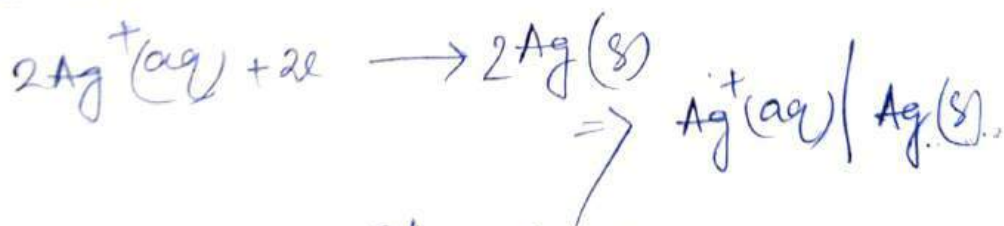
cell reaction



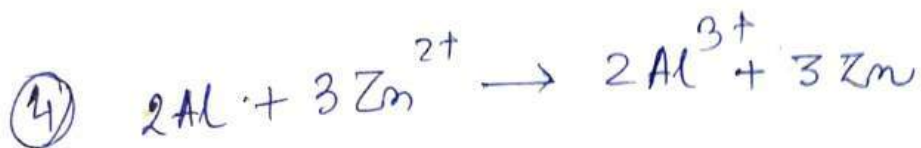
anode reaction



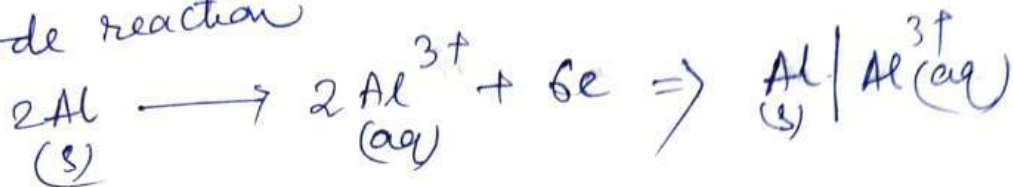
Cathode reaction







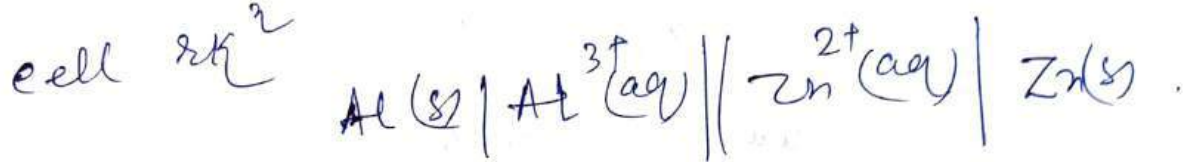
anode reaction



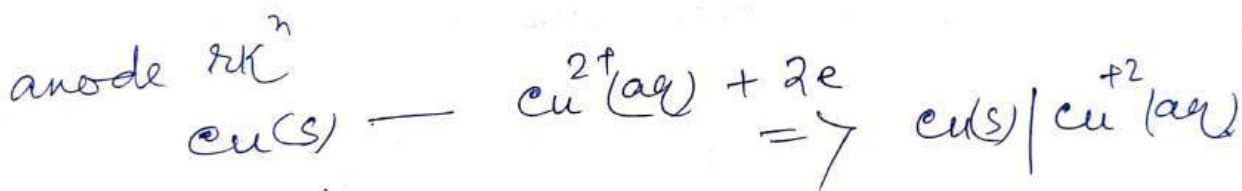
cathode rxn



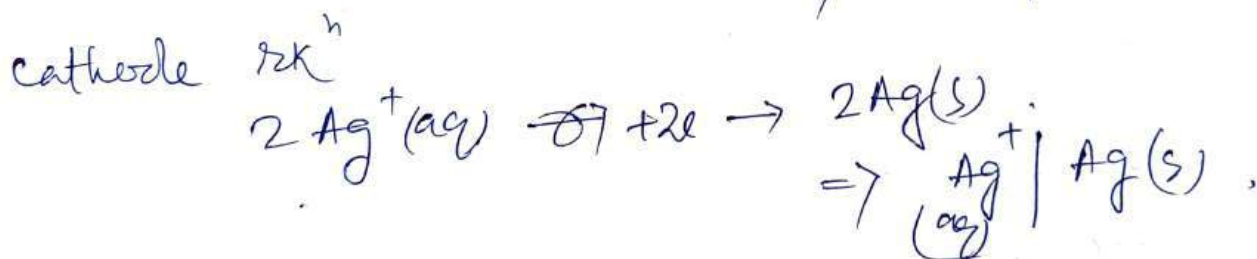
cell rxn



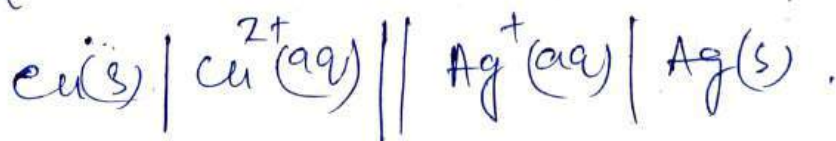
anode rxn



cathode rxn



Cell rxn



## General rules

A. F.M.F. of a cell ( $E$ ); heat of reaction ( $\Delta H$ ) and the temperature coeff. of e.m.f ( $\frac{\partial E}{\partial T}$ )<sub>P</sub> are related as

$$E = \frac{\Delta H}{nF} + T \left( \frac{\partial E}{\partial T} \right)_P$$

B. Electrode potential during redox reaction is

$$E = E_0 - \frac{RT}{nF} \sum_i \rightarrow \ln a_i$$

C. Oxidation potential = - Reduction Potential

D. If for a cell  $E_{\text{cell}}$  is +ve the reaction is spontaneous, -ve then non-spontaneous.

E. For a cell emf is the algebraic sum of potential due to electrode process. Thus as the reduction occurs at the right electrode (R.H.E) and oxidation occurs at the negative or Left (L.H.E) electrode.

$$E_{\text{cell}} = \overset{\text{R.H.E.}}{E_{\text{red}}} + \overset{\text{L.H.E.}}{E_{\text{ox}}}$$

$$= \overset{\text{R.H.E.}}{E_{\text{red}}} - \overset{\text{L.H.E.}}{E_{\text{red}}}$$

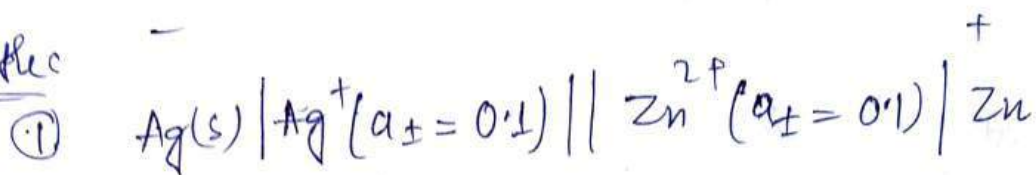
$$= \overset{\text{L.H.E.}}{E_{\text{ox}}} - \overset{\text{R.H.E.}}{E_{\text{ox}}}$$



$$F \cdot \Delta G = nFE \quad ; \quad \Delta S = nF \left( \frac{\partial E}{\partial T} \right)_P$$

$$G. \quad E^{\circ} = \frac{RT}{nF} \ln K \quad K = \text{equilibrium constant.}$$

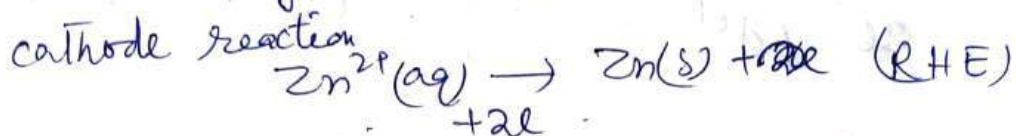
Example



anode reaction



cathode reaction



$$\text{Given } E^{\circ}_{\text{Ag}^+/\text{Ag}} = 0.799 \text{ V}$$

$$E^{\circ}_{\text{Zn}^{2+}/\text{Zn}} = -0.763 \text{ V}$$

cell rxn



we know

$$E_{\text{cell}} = E^{\circ} - \frac{RT}{nF} \sum \rightarrow \ln a_i$$

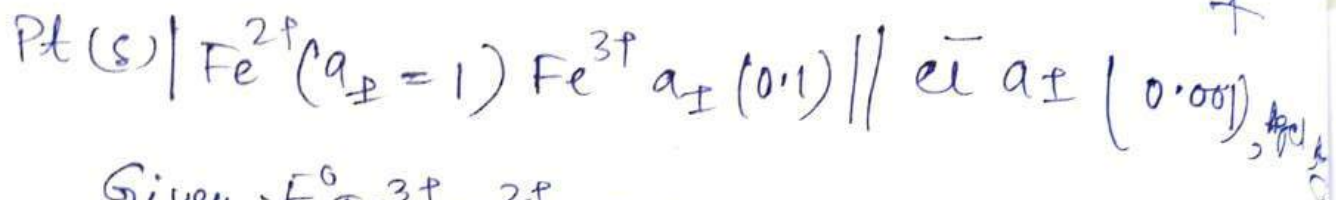
$$= E^{\circ} - \frac{RT}{2F} \ln \frac{a_{\text{Ag}^+}}{a_{\text{Zn}^{2+}}}$$

$$= (-0.763 - 0.799) - \frac{0.059}{2} \ln \frac{0.1}{0.1}$$

$$= -1.562 \text{ volt}$$

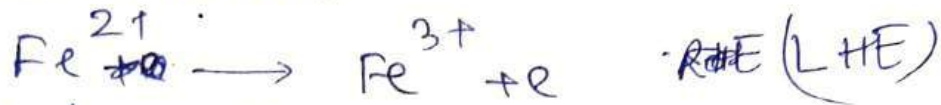
As  $E = -ve$  it is non-spontaneous.

Ex 2



Given  $E^{\circ}_{\text{Fe}^{3+}, \text{Fe}^{2+}} = 0.771$  volt  
 $E^{\circ}_{\text{AgCl}, \text{Ag}} = 0.222$  volt.

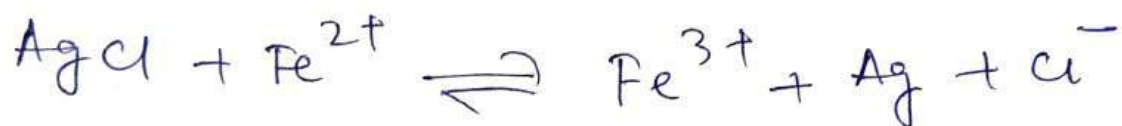
On anode reaction



Cathode rxn



Cell rxn



$$E = E^{\circ} - \frac{RT}{nF} \ln \frac{a_{\text{Fe}^{3+}} \cdot a_{\text{Cl}^{-}}}{a_{\text{Fe}^{2+}}}$$

$$= (-0.771 + 0.222) - \frac{0.059}{1} \ln \frac{0.1 \times 0.001}{1}$$

$$= -0.372 \text{ volt}$$

non-spontaneous.

Suri Vidyasagar College

Paper - e-14 (Physical Chemistry)  
SEM - VI (2020)

Internal assessment - e-1 Full marks = 5

Time = 20 mins

A. Answer the following questions

- a) Why the drop of liquids are spherical?
- b) What is the vapour pressure of liquid?
- c) What is the basic difference between gas and vapour?
- d) Explain the term, "work of adhesion".
- e) Define Surface energy. What is its unit.

(Answerscripts must be submitted in Pdf/word format through online. NO hard copy)  
Physical appearance is needed.)



Sri Vidhyasagar College

Internal Assessment of SEM-VI - 2020.

Paper - C-14, C-1 (Physical Chemistry)

<u>Sl. no</u>	<u>Roll no.</u>	<u>Marks obtained</u>
01.	170331000014 - A	
02.	170331000032 - A	
03.	170331000072 - 5	
04.	170331000037 - 5	
05.	1703310000402 - A	
06.	1703310000400 - 4.5	
07.	1703310000112 - A	
08.	170331000052 - A	
09.	1703310000132 - A	
10.	1703310000128 - 4.5	
11.	170331000011 - 4.5	
12.	1703310000133 - A	
13.	1703310000108 - A	
14.	1703310000098 - A	
15.	1703310000118 - 4.5	
16.	170331000051 - A	
17.	1703310000094 - 4.5	
18.	170331000019 - 5	
19.	1703310000117 - A	
20.	1703310000029 - A	

<u>Sl no</u>	<u>Roll no.</u>	<u>Marks obtained</u>
21.	1703310000116 - A	
22.	1703310000050 - A	
23.	1703310000027 - 4.5	
24.	1703310000124 - 4.5	
25.	1703310000105 - 4.5	

← 8 →

Suri Vidyasagar College

B.Sc SEM-IV (H). Subject - Physical Chemistry  
Assignment (CC-08)

Full Marks :- 10

Answer the following questions :-

Q1. Derive Thermodynamically a relationship between the osmotic pressure of the solution and the mol-fraction of the solute in a dilute solution and hence relate osmotic pressure with ~~some~~ molar concentration.

Q2. Show some biological significance of osmosis.

- \* Mail me the answerscripts in Pdf format within ~~15~~ 15.11.2020.
- \* Mailing address - ppnkj2014@gmail.com
- \* Put University Roll no, Registration no, Subject, Paper in the front page.



B.Sc. SEM-IV (H) Assignment / Assessment

Physical Chemistry

FM-5+5  
20/11/20

Sl. NO	Name	Roll no.	C-1	C-2
01 ✓	Shuvajit Mondal	180331000098 <sup>(12)</sup>	3.5	3.5
02 ✓	Sankhadip Sadhu	" 87 <sup>(11)</sup>	3.5	4
03 ✓	Bhaskar Bagdi	" 24 <sup>(4)</sup>	3.5	3
04 ✓	Rima Guin	" 78 <sup>(6)</sup>	4	3
05 ✓	Abhijit Mondal	" 02 <sup>(1)</sup>	4	4
06 ✓	Samarat Das	" 85 <sup>(10)</sup>	3.5	3.5
07 ✓	Ritam Mukherjee	" 79 <sup>(7)</sup>	4	3
08 ✓	Nurjahan Khatun	" 64 <sup>(5)</sup>	4	3.5
09 ✓	Banya Das	" 22 <sup>(3)</sup>	3.5	3
10 ✓	Ritwik Roy	" 80 <sup>(8)</sup>	3.5	3.5
11 ✓	Arnab Roj	" 15 <sup>(2)</sup>	4	3
12 ✓	Surajit Mondal	" 121 <sup>(15)</sup>	4	4
13 ✓	Rohit Mondal	" 82 <sup>(9)</sup>	3.5	3.5
14 ✓	Sumi Das	" 120 <sup>(14)</sup>	4	3.5
15 ✓	Sujan Dey	" 114 <sup>(13)</sup>	4	3.5
16 ✓	Tanagsu Dutta	" 123 <sup>(16)</sup>	3.5	3.5







Sl NO	Name	16/12/20	21/12/20	23/12/20	25/12/20	29/12/20	30/12/20	4/1/21	5/1/21	7/1/21	10/1/21	13/1/21	15/1/21	16/1/21	18/1/21	20/1/21	21/1/21	23/1/21	25/1/21	27/1/21
02	Soham	P	P	P		P	P	P	P	P		P	P			P	P	P	P	P
03	Raju	P	P	P	P	P		P	P	P	P		P			P		P	P	P
04	Shrabani *	P	P				P													
05	Ahana	P	P		P			P			P									
06	Ayan *	P	P				P													
07	Joydip *	P	P				P													
08	Dibyanshu	P	P	P	P	P	P	P	P	P	P			P	P	P	P	P	P	P
09	Prasen	P	P				P				P			P						P
10	Ritufarna	P	P	P				P	P	P	P		P	P		P				P
11	Rohit	P	P					P	P	P	P		P	P	P	P				P
12	Nasrin	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P			P	P
13	Sayantika	P	P	P	P	P		P	P		P		P	P	P	P			P	P
14	Ayesa *	P	P					P												
	Rubia Khatun			P		P	P	P		P				P						P

Suri Vidyasagar college  
SEM - III  
Internal Assessment - 2021-2022  
Physical chemistry - Paper → CC-5

F.M. - 10

Answer the following questions:

- Q1. What is flux?
- Q2. What is meant by viscous force? what is its unit?
- Q3. What is Reynolds number?
- Q4. How the eddies are formed?
- Q5. How the temperature affects the viscosity of gas?

Send the answer scripts in Pdf/word format in the following mailing address.

Mail: - PPNkj2014@gmail.com

Last date of submission: - 06.01.2021.

11  
-91

Suri vidyasagar College

- SEM - V

Internal Assessment - 2020.

Paper :- DSE-1. ~~Paper~~ Marks :- 05.

Answer the questions :-

- Q1. What is thermodynamic Probability?
- Q2. What are the conditions for applying Boltzmann relation?
- Q3. Define ensemble.
- Q4. Explain the term, 'equal a priori Probabilities'.
- Q5. What are the differences between 'classical' and 'quantum' statistical mechanics.

Answerscripts must be send in Pdf/word format in the following mail.

Mail :- PPNkj2014@gmail.com

Last date of Submission :- 06.01.2021.





# SURI VIDYASAGAR COLLEGE

(Govt. Sponsored & Constituent college of the University of Burdwan)

SURI, BIRBHUM, PIN – 731101, Ph. No. – 03462-255504

Website : [surividyasagarcollege.org.in](http://surividyasagarcollege.org.in), e-mail: : [surividyasagarcollege1942@gmail.com](mailto:surividyasagarcollege1942@gmail.com)

This Institution is Ragging Free

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Department of Geography, Suri Vidyasagar College

**B.A./B.Sc. Semester V (HONS.)  
Department of Geography  
SriVidyasagar College (310)**

**DSE-2: POPULATION GEOGRAPHY**

Full Marks 10

Differentiate between Population Geography and Demography. Briefly explain Marxian Theory of population growth. Write any one theory regarding Migration. 3+3.5+3.5=10

**B.A./B.Sc. Semester III (HONS.)**  
**Department of Geography**  
**SriVidyasagar College (310)**

**CC 7 – GEOGRAPHY OF INDIA**

Full Marks 10

Attempt any one

1. Define Green revolution. Critically analyze about the consequences Green revolution.  
3+7=10
2. Write a short note on water resources of West Bengal. Briefly analyze the relationship between Population Growth and human development.  
5+5=10

**B.A./B.Sc. Semester V (HONS.)  
Department of Geography  
SuriVidyasagar College (310)**

**CC 11: RESEARCH METHODOLOGY AND FIELD WORK**

Full Marks 10

Q. What is research? Shortly discuss about the importance of literature review in research.  
3+7=10



# SURI VIDYASAGAR COLLEGE

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Website : [surividyasagarcollege.org.in](http://surividyasagarcollege.org.in), e-mail: : [surividyasagarcollege1942@gmail.com](mailto:surividyasagarcollege1942@gmail.com)

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Department of History, Suri Vidyasagar College





Surprise Class Test - SEM-I, Major--01 (Group- 1) 2023  
Teacher - Dr. Amiya Ghosh,

05 / 05

Paper name - HISTORY OF INDIA- (From Earliest times to 600 AD)

Name (block letter): SOURAV DAS

Roll no 23040117

Answer all Questions

Full Marks: 05

Tme - 10 Minutes

Q1. Which one of the following Indus Valley Civilization sites gives evidence of a stadium?

- (a) Harappa
- (b) Kalibangan
- (c) Mohenjodaro
- (d) Dholavira

Q2. The local name of Mohenjodaro is:

- (a) Mound of Living
- (b) Mound of Survivor
- (c) Mound of Dead
- (d) Mound of Great

Q3. Who is the most important God in Rigveda?

- (a) Agni
- (b) Indra
- (c) Varun
- (d) Vishnu

Q4. Which one of the following Indus Valley Civilization sites gives evidence of a dockyard?

- (a) Harappa
- (b) Mohenjodaro
- (c) Lothal
- (d) Dholavira

Q5. Harappa is located on the bank of the River:

- (a) Indus
- (b) Ravi
- (c) Beas
- (d) Sutlej

Examiner - Self / Teacher

Sourav Das  
11/12/2023  
Full Signature with Date









ofc

SURI VIDYASAGAR COLLEGE					
SEM- I CC-01					
HIST HONS. HISORT OF INDIA (FROM EARLIEST TIME TO TIMES TO 600 AD)					
UNV ROLL	C ROLL NO	NAME	INTER 10	ATTN	Total
	22010214	ALIDA KHATUN	10	5	15
	22010215	AMIR SOHEL	6	3	9
	22010216	ANKITA SINGHA	9	3	12
	22010217	ANUSKA DASGUPTA	9	5	14
	22010218	ARDHENDU BANERJEE	8	3	11
	22010219	BISWAJIT BALA	8	3	11
	22010220	CHANCHAL MONDAL	8	4	12
	22010221	CHARLES HEMBRAM	7	4	11
	22010223	FARHA KHATUN	6	4	10
	22010225	HEMLATA MARDI	6	4	10
	22010226	IPSITA BHANDARY	9	3	12
	22010227	JAYANTI ANKUR	7	3	10
	22010228	JHUMPA PAL	7	3	10
	22010229	KHUSBU KEWAT	10	3	13
	22010230	MAHUA MONDAL	6	4	10
	22010232	MONABI ROY	9	4	13
	22010233	MONALISA KHATUN	9	4	13
	22010234	MONALISHA PAITANDY	9	4	13
	22010235	MONJILA KHATUN	10	5	15
	22010237	NANDINI MISHRA	8	4	12
	22010238	PRADIP KR GANGULY	10	5	15
	22010239	PRAKITI CHATTERJEE	8	4	12
	22010240	PREETY HANSDA	7	3	10
	22010242	PRIYA GARAI	8	4	12
	22010243	PRIYA PAL	9	5	14
	22010246	RAHUL TUDU	2	5	7
	22010247	RAMAN DAS	8	3	11
	22010249	RIMPA HAZRA	8	3	11
	22010250	RIZIA SULTANA	7	3	10
	22010251	ROHIT BISWAS	7	3	10
	22010252	ROKSUNA KHATUN	8	5	13
	22010253	RUDRAJIT DAS	6	4	10
	22010254	SATADIPA MONDAL	10	5	15
	22010255	SATHI DAS	8	4	12
	22010258	SAYAN CHATTERJEE	9	4	13
	22010259	SHABANA ASRAFEE	8	4	12
	22010260	SHABRANI BAGDI	7	3	10
	22010265	SHEHA DAS	7	3	10
	22010261	SK NASRUL	8	4	12
	22010262	SK RAJIBUL	8	4	12
	22010263	SK SAMIM AKTER	7	3	10
	22010267	SOMNATH DAS	6	3	9

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7/7/23



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PAPER NAME <i>Studying History Writing: Indian and Western</i>		SURI VIDYASAGAR COLLEGE				
DT OF EXAM- 12/12/23		SEM-V HISTORY HONS.			PAPER- CC-12	
SL	Reg No	Reg Year	Roll No.	INTERNAL	ATTN	TOTAL
1	202101039161	2021-22	210131000008 ✓	8	5	13
2	202101039165	2021-22	210131000012 ✓	9	5	14
3	202101039175	2021-22	210131000021 ✓	7	5	12
4	202101039177	2021-22	210131000023 ✓	6	3	09
5	202101039178	2021-22	210131000024 ✓	8	3	11
6	202101039181	2021-22	210131000027	X	X	AB
7	202101039184	2021-22	210131000029 ✓	8	3	11
8	202101039186	2021-22	210131000031 ✓	9	3	12
9	202101039195	2021-22	210131000040 ✓	7	4	11
10	202101039200	2021-22	210131000045	X	X	AB
11	202101039207	2021-22	210131000052 ✓	6	3	09
12	202101039208	2021-22	210131000053 ✓	10	5	15
13	202101039214	2021-22	210131000058 ✓	8	2	10
14	202101039222	2021-22	210131000066 ✓	6	2	08
15	202101039231	2021-22	210131000074 ✓	8	3	11
16	202101039250	2021-22	210131000093 ✓	7	3	10
17	202101039255	2021-22	210131000098 ✓	7	3	10
18	202101039266	2021-22	210131000108 ✓	7	2	09
19	202101039267	2021-22	210131000109 ✓	6	3	09
20	202101039287	2021-22	210131000128 ✓	8	3	11
21	202101039291	2021-22	210131000132 ✓	10	5	15
22	202101039292	2021-22	210131000133 ✓	9	4	13
23	202101039304	2021-22	210131000145 ✓	8	3	11
24	202101039306	2021-22	210131000147 ✓	8	3	11
25	202101039308	2021-22	210131000149 ✓	8	3	11
26	202101039313	2021-22	210131000154 ✓	9	4	13
27	202101039321	2021-22	210131000163	X	X	AB
28	202101039327	2021-22	210131000170 ✓	8	3	11
29	202101039330	2021-22	210131000173 ✓	8	3	11
30	202101039332	2021-22	210131000175 ✓	7	2	09
31	202101039336	2021-22	210131000179 ✓	8	3	11
32	202101039339	2021-22	210131000181	X	X	AB
33	202101039345	2021-22	210131000187 ✓	9	4	13
34	202101039346	2021-22	210131000188 ✓	10	5	15
35	202101039348	2021-22	210131000190 ✓	9	3	12
36	202101039350	2021-22	210131000192	X	X	AB
37	202101039353	2021-22	210131000195 ✓	9	5	14
38	202101039360	2021-22	210131000202 ✓	6	2	08
39	202101039363	2021-22	210131000205 ✓	8	3	11
40	202101039379	2021-22	210131000221	X	X	AB
41	202101039383	2021-22	210131000225 ✓	9	2	11

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12/2/24



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SURI VIDYASAGAR COLLEGE, DEPT OF HISTORY

PAPER NAME *Rise of Modern West*  
 CORSE CODE - *CC VI*

SEM-III HIST HONS

DT OF EXAM. *8/1/2024*

SL	BU ROLL NO	NAME	INTERNAL	ATTN	TOTAL
1	<i>22013100006</i>	ALIDA KHATUN	<i>9</i>	<i>5</i>	<i>14</i>
2	<i>009</i>	AMIR SOHEL	<i>5</i>	<i>4</i>	<i>9</i>
3	<i>018</i>	ANKITA SINGHA	<i>8</i>	<i>3</i>	<i>11</i>
4	<i>024</i>	ANUSKA DASGUPTA	<i>8</i>	<i>4</i>	<i>12</i>
5	<i>028</i>	ARDHENDU BANERJEE	<i>9</i>	<i>5</i>	<i>14</i>
6		BISWAJIT BALA	<i>X</i>	<i>X</i>	<i>AB</i>
7		CHANCHAL MONDAL	<i>X</i>	<i>X</i>	<i>AB</i>
8	<i>058</i>	CHARLES HEMBRAM	<i>6</i>	<i>4</i>	<i>10</i>
9	<i>076</i>	FARHA KHATUN	<i>7</i>	<i>3</i>	<i>10</i>
10	<i>079</i>	HEMLATA MARDI	<i>5</i>	<i>3</i>	<i>08</i>
11	<i>082</i>	IPSITA BHANDARY	<i>8</i>	<i>5</i>	<i>13</i>
12	<i>085</i>	JAYANTI ANKUR	<i>7</i>	<i>5</i>	<i>12</i>
13	<i>087</i>	JHUMPA PAL	<i>6</i>	<i>5</i>	<i>11</i>
14	<i>096</i>	KHUSBU KEWAT	<i>9</i>	<i>5</i>	<i>14</i>
15	<i>109</i>	MAHUA MONDAL	<i>9</i>	<i>5</i>	<i>14</i>
16	<i>126</i>	MONABI ROY	<i>8</i>	<i>3</i>	<i>11</i>
17	<i>127</i>	MONALISA KHATUN	<i>7</i>	<i>5</i>	<i>12</i>
18	<i>128</i>	MONALISHA PAITANDY	<i>9</i>	<i>5</i>	<i>14</i>
19	<i>129</i>	MONJILA KHATUN	<i>9</i>	<i>4</i>	<i>13</i>
20	<i>137</i>	NANDINI MISHRA	<i>7</i>	<i>3</i>	<i>10</i>
21	<i>163</i>	PRADIP KR GANGULY	<i>9</i>	<i>5</i>	<i>14</i>
22	<i>164</i>	PRAKITI CHATTERJEE	<i>8</i>	<i>4</i>	<i>12</i>
23	<i>165</i>	PREETY HANSDA	<i>8</i>	<i>4</i>	<i>12</i>
24	<i>171</i>	PRIYA GARAI	<i>8</i>	<i>4</i>	<i>12</i>
25	<i>174</i>	PRIYA PAL	<i>8</i>	<i>4</i>	<i>12</i>
26	<i>182</i>	RAHUL TUDU	<i>6</i>	<i>4</i>	<i>10</i>
27	<i>186</i>	RAMAN DAS	<i>7</i>	<i>5</i>	<i>12</i>
28	<i>192</i>	RIMPA HAZRA	<i>7</i>	<i>3</i>	<i>10</i>
29	<i>197</i>	RIZIA SULTANA	<i>8</i>	<i>4</i>	<i>12</i>
30		ROHIT BISWAS	<i>X</i>		<i>AB</i>
31	<i>199</i>	ROKSUNA KHATUN	<i>6</i>	<i>4</i>	<i>10</i>
32	<i>203</i>	RUDRAJIT DAS	<i>5</i>	<i>4</i>	<i>9</i>
33	<i>228</i>	SATADIPA MONDAL	<i>8</i>	<i>5</i>	<i>13</i>
34	<i>229</i>	SATHI DAS	<i>8</i>	<i>4</i>	<i>12</i>
35	<i>233</i>	SAYAN CHATTERJEE	<i>7</i>	<i>3</i>	<i>10</i>
36	<i>236</i>	SHABANA ASRAFEE	<i>8</i>	<i>4</i>	<i>12</i>
37	<i>245</i>	SHABRANI BAGDI ( <i>Shrabani</i> )	<i>7</i>	<i>3</i>	<i>10</i>
38	<i>269</i>	SNEHA DAS	<i>8</i>	<i>4</i>	<i>12</i>
39	<i>263</i>	SK NASRUL	<i>9</i>	<i>5</i>	<i>14</i>
40	<i>264</i>	SK RAJIBUL	<i>8</i>	<i>4</i>	<i>12</i>
41	<i>265</i>	SK SAMIM AKTER	<i>9</i>	<i>5</i>	<i>14</i>

*Ashish*  
*2/2/2024*



online class 28/4/2020  
CE-10, Sem-IV  
History Hons, S.V.C.  
Chapt. - Gandhi and National Movement

1919-1934

ଅନୁଶୀଳନ ପ୍ରଶ୍ନ: ଐତିହାସିକ ପ୍ରଶ୍ନୋତ୍ତର-୨

- ୧) ସାତଲୋକ ଆନ୍ଦୋଳନର ଶୁଭ ବସ୍ତୁ କି ଥିଲା ?
- ୨) କାବି ନାୟାପତି ସମ୍ବନ୍ଧରେ କ'ଣ ? ଏହାକୁ ହିନ୍ଦୀ (ଫିଲ୍ମ) କି ଥିଲା ?
- ୩) 'କାନ୍ଥାମିଶ-୨-୧୫' ରାଜ୍ୟ କି ରାଜ୍ୟ ?
- ୪) ଦିଲ୍ଲୀର କାନ୍ଥାମିଶ, ଅନ୍ଧାରରେ ଆନ୍ଦୋଳନ କି କି କର୍ମକ୍ରମୀୟତା କରା ?
- ୫) ଅନ୍ଧାରରେ ଆନ୍ଦୋଳନର ଦିନ (ଫିଲ୍ମ) କି କି ଥିଲା ?
- ୬) 'କାନ୍ଥାମିଶ-୧୫' ରାଜ୍ୟ କାନ୍ଥାମିଶ' ରାଜ୍ୟ କାନ୍ଥାମିଶ ? ଏହା କାନ୍ଥାମିଶ କାନ୍ଥାମିଶ କି ଥିଲା ?
- ୭) 'କାନ୍ଥାମିଶ ୧୫' କି ?
- ୮) କି (ଫିଲ୍ମ) 'କାନ୍ଥାମିଶ କାନ୍ଥାମିଶ' କାନ୍ଥାମିଶ ?
- ୯) କାନ୍ଥାମିଶ କାନ୍ଥାମିଶ କି ଥିଲା ?
- ୧୦) କାନ୍ଥାମିଶ - କାନ୍ଥାମିଶ କାନ୍ଥାମିଶ (ଫିଲ୍ମ) କାନ୍ଥାମିଶ କାନ୍ଥାମିଶ କି ଥିଲା ?

28/4/2020  
Sri Vidyanagar College

**SURI VIDYASAGAR COLLEGE**  
**SEM-3, HIST HONS INTERNAL EXAM. 2022**  
**PAPER - CC-VI TIME -45 MINUTES FM-10**  
**Answer five questions, each in more than one sentence. 2X5=10**  
**or answer two Questions 5x2=10**

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- 1) a) 'দি প্রিন্স' গ্রন্থে ম্যাকিয়াভেলি শাসক কে কি কি পরামর্শ দিয়েছিলেন? 2  
b) নবজাগরণের মূল তিনটি শব্দ রয়েছে যা ভাসারি ব্যবহার করেছিলেন- সেগুলি কি কি? 2  
c) উত্তরের নবজাগরণের সঙ্গে ইতালির নবজাগরণের কি পার্থক্য রয়েছে? 2  
d) 1453 খ্রিস্টাব্দে ইতিহাসে কেন তাৎপর্যপূর্ণ? 2  
e) মরিস ডব বক্তব্যকে প্রথম কে সমালোচনা করেছিলেন? 2

অথবা

- f) পূর্ব ইউরোপে সামন্ততন্ত্রের পুনরুত্থান ঘটে কেন? 5  
g) কোপার্নিকাসের ভাবনাকে বৈপ্লবিক ছিল? 5



# SURI VIDYASAGAR COLLEGE

SEM-5, HIST HONS, INTERNAL EXAM. 2022

PAPER - CC-12 Dt. of Exam. – 10.11.2022 TIME -45 Minutes, FM-10

Answer any five of the Following Questions, each in more than one sentence. 2X5=10

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1. Who first wrote the history of Rajasthan ? Name the book written by him?  
রাজস্থানের ইতিহাস চর্চা কে প্রথম শুরু করেন ? তার লেখা গ্রন্থের নাম বল ?
2. What are the main features of Rabindranath Tagore's philosophy of history?  
রবীন্দ্রনাথ ঠাকুরের ইতিহাস দর্শনের মূল বৈশিষ্ট্য কি ?
3. What was the main goal of Gibbon's study of history?  
গিবনের ইতিহাস চর্চার প্রধান লক্ষ্য কি ছিল ?
4. Can Vincent Arthur Smith be called a professional historian?  
ভিন্সেন্ট আর্থার স্মিথকে কি পেশাদারী ঐতিহাসিক বলা যায় ?
5. Who was the pioneer of the Subaltern Studies ? What is the main theme of this study?
6. নিম্নবর্গের ইতিহাস চর্চাকারীদের পথপ্রদর্শক কে ছিলেন ? এই ইতিহাস চর্চার মূল প্রতিপাদ্য বিষয় কি ?
7. What do you mean by the Positivism of history?  
দৃষ্টবাদী ইতিহাস চর্চা বলতে কী বোঝায় ?
8. What are the characteristics of Annal School of historian?  
আনাল গোষ্ঠির ইতিহাস চর্চার বৈশিষ্ট্যগুলি কি কি ?



Suri Vidyasagar College  
History, Sem-I(Hons.Major Paper-1  
Open Book Exam.2023

You may help your Text/Reference Book or use our college Library  
(পাঠ্য বই বা আমাদের কলেজ লাইব্রেরীর সাহায্য নিতে পার)

Time – 45 minutes

Date of Exam. 15/12/2023

F.M- 05

Answer any one Question ( 1 X 5= 5)

( যে কোন একটি প্রশ্নের উত্তর দাও)

1. What type of water resource management developed during entire Indus Valley Civilization?  
সমগ্র সিন্ধু সভ্যতার সময় কোন ধরনের জল সম্পদ ব্যবস্থাপনা গড়ে উঠেছিল ?
2. What type of health consciousness developed in the society during the Indian Proto- historic period?  
প্রায়-ঐতিহাসিক ভারতীয় সমাজে কী ধরনের স্বাস্থ্য সচেতনতা গড়ে ওঠে ?
3. Write annotation with examples of used of science and technology in Aryan society.  
আর্য সমাজে বিজ্ঞান ও প্রযুক্তি ব্যবহারের উদাহরণ সহ টীকা লেখ ।
4. How secular literature helps in writing the history of Bharat.  
ধর্ম নিরপেক্ষ সাহিত্য কিভাবে ভারতের ইতিহাস রচনায় সাহায্য করে থাকে ।

SURI VIDYASAGAR COLLEGE, DEPT. OF HISTORY

B.A. SEM - V (Hons) 2023, Internal Examination

SUBJECT- HISTORY, PAPER- CC 12 (STUDING HISTORY WRITING: INDIAN & WESTERN)

F.M.- 10 (2x5)

TIME - 30 minutes

Answer any five questions. All marks are equal.

- ১) 'নিম্নবর্গীয় ইতিহাসচর্চা' বলতে কী বোঝো ?
- ২) রবীন্দ্রনাথ ঠাকুরের ইতিহাস চর্চার মূল ভাবনা কী ছিল?
- ৩) স্যার যদুনাথ সরকারের ইতিহাসচর্চার কয়েকটি বৈশিষ্ট্যের কথা লেখো।
- ৪) দৃষ্টবাদ বলতে কী বোঝো? দৃষ্টবাদী ইতিহাসচর্চার জনককে ছিলেন?
- ৫) প্রাচীন ভারতের ইতিহাসচর্চায় যুক্ত রোমিলা থাপারের দৃষ্টিভঙ্গি কেন আলোচ্য?
- ৬) ইতিহাসের তথ্য সম্পর্কে ই.এইচ. কার কী অভিমত পোষণ করেছেন?
- ৭) "Ethno History" বলতে কী বোঝ ?

**SURI VIDYASAGAR COLLEGE****Department of History****ATTENDENCE SHEET FOR INTERNAL EXAMINATION****SEMESTER- I HISTORY (Honours) Paper CC .....****Full Marks- 10. Time – 60 Mints. Date 02.1.2023**

Sl No.	College Roll	Student's Name	Signature	Remarks
1	22010214	ALIDA KHATUN		
2	22010215	AMIR SOHEL		
3	22010216	ANKITA SINGHA		
4	22010217	ANUSKA DASGUPTA		
5	22010218	ARDHENDU BANERJEE		
6	22010219	BISWAJIT BALA		
7	22010220	CHANCHAL MONDAL		
8	22010221	CHARLES HEMBRAM		
9	22010223	FARHA KHATUN		
10	22010226	IPSITA BHANDARY		
11	22010227	JAYANTI ANKUR		
12	22010228	JHUMPA PAL		
13	22010229	KHUSBU KEWAT		
14	22010230	MAHUA MONDAL		
15	22010232	MONABI ROY		
16	22010233	MONALISA KHATUN		
17	22010234	MONALISA PAITANDY		
18	22010235	MONJILA KHATUN		
19	22010236	MOUMITA CHOWDHURY		
20	22010237	NANDINI MISHRA		
21	22010238	PRADIP Kr. GANGULY		
22	22010239	PRAKRITI CHATTERJEE		
23	22010240	PREETY HANSDA		
24	22010242	PRIYA GARAI		
25	22010243	PRIYA PAL		
26	22010246	RAHUL TUDU		
27	22010247	RAMAN DAS		
28	22010249	RIMPA HAZRA		
29	22010250	RIZIA SULTANA		
30	22010251	ROHIT BISWAS		

Sl No.	College Roll	Student's Name	Signature	Remarks
31	22010252	ROKSUNA KHATUN		
32	22010253	RUDRA JIT DAS		
33	22010254	SATADIPA MONDAL		
34	22010255	SATHI DAS		
35	22010258	SAYAN CHATTERJEE		
36	22010259	SHABANA ASRAFEE		
37	22010260	SHRABANI BAGDI		
38	22010261	SK NASRUL		
39	22010262	SK RAJIBUL		
40	22010263	SK SAMIM EKTAR		
41	22010265	SNEHA DAS		
42	22010267	SOMNATH DAS		
43	22010268	SONALI MONDAL		
44	22010271	SUBHADIP MAL		
45	22010272	SUBHADRA MONDAL		
46	22010273	SURAJIT MAL		
47	22010274	SUROJIT BALL		
48	22010275	SUTAPA GHOSH		
49	22010276	SUTAPA RUJ		
50	22010277	TITHI GHOSH		
51	22010278	TUSI MONDAL		

**Deleted Roll Numbers for not attending a single class-**

**220213, 222, 225 231,241, 244, 257, 264, 266, 269, 270 = 11**

**Signature of the Invigilators**

.....

**B.A.1st Semester (General)Internal Examination,2022(CBCS)**

**Subject: History, Paper: CC-1A/GE-1**

**Time: 45 minutes**

**F.M. - 10**

**(History of India -- From Earliest Times up to 300CE)**

Answer any two of the following questions:

নিম্নলিখিত যে কোন একটি প্রশ্নের উত্তর দাওঃ  $5x1 = 5$

1.a) Analyse the ecological factors responsible for the decline of the Harappan civilisation.

হরপ্পা সভ্যতার অবক্ষয়ে পরিবেশগত কারণগুলি বিশ্লেষণ করো।

b) Evaluate the achievements of Gautamiputra Satakarni.

গৌতমীপুত্র সাতকর্ণির কৃতিত্বের মূল্যায়ন করো।

**OR**

1. a) Write in brief the factors responsible for the decline of the Maurya Empire.

মৌর্য সাম্রাজ্যের পতনের কারণগুলি সংক্ষেপে আলোচনা করো।

$5x1 = 5$

b) Explain briefly the achievements of Kanishka.

কণিষ্কের কৃতিত্ব সংক্ষেপে আলোচনা করো।

**OR**

3.Explain the background of the rise of imperialism in Magadha.

a) মগধে সাম্রাজ্যবাদের উত্থানের প্রেক্ষাপট আলোচনা করো।

$10x1 = 10$

**B.A.1st Semester (General)Internal Examination,2022(CBCS)**

**Subject: History, Paper: CC-1A/GE-1**

**Time: 45 minutes**

**F.M. - 10**

**(History of India -- From Earliest Times up to 300CE)**

Answer any two of the following questions:

নিম্নলিখিত যে কোন একটি প্রশ্নের উত্তর দাওঃ  $5x1 = 5$

1) a) Analyse the ecological factors responsible for the decline of the Harappan civilisation.

হরপ্পা সভ্যতার অবক্ষয়ে পরিবেশগত কারণগুলি বিশ্লেষণ করো।

b) Evaluate the achievements of Gautamiputra Satakarni.

গৌতমীপুত্র সাতকর্ণির কৃতিত্বের মূল্যায়ন করো।

$5x1 = 5$

**OR**

2) a) Write in brief the factors responsible for the decline of the Maurya Empire.

মৌর্য সাম্রাজ্যের পতনের কারণগুলি সংক্ষেপে আলোচনা করো।

$5x1 = 5$

$5x1 = 5$  b) Explain briefly the achievements of Kanishka.

কণিষ্কের কৃতিত্ব সংক্ষেপে আলোচনা করো।

**OR**

3) Explain the background of the rise of imperialism in Magadha.

a) মগধে সাম্রাজ্যবাদের উত্থানের প্রেক্ষাপট আলোচনা করো।

$10x1 = 10$



Suri Vidyasagar College  
History, Sem-I (MAJOR) Paper-1

Group-A

Multiple Choice Questions on Vedic Period, it will be useful for all competitive exams. and will enhance your knowledge.

Name:

College Roll-

1. The most important text of Vedic mathematics is :

- A. Satapatha Brahman
- B. Atharva Veda
- C. Sulva Sutras
- D. Chhandogya Upanishad

2. Which metal was first used by the Vedic people?

- A. Silver
- B. Gold
- C. Iron
- D. Copper

3. What is the Vedic name of river Jhelum?

- A. Vitasta
- B. Chandrabhaga
- C. Arjikiya
- D. Satadru

4. The origins of Indian music could be traced to

- A. Rigvedic Samhita
- B. Yajurvedic Samhita
- C. Samavedic Samhita
- D. Atharvavedic Samhita

5. The tax which the kings used to collect from the people in the Vedic period was called—

- A. Bali
- B. Vidatha
- C. Varman
- D. Kara

Multiple Choice Questions on Vedic Period, it will be useful for all competitive exams. and will enhance your knowledge.

Name:

College Roll-

1. What does Baudhayan theorem (Baudhayan Sulva Sutra) relate to?
  - A. Lengths of sides of a right-angled triangle
  - B. Calculation of the value of pi
  - C. Logarithmic calculations
  - D. Normal distribution curve
  
2. The origins of Indian music could be traced to
  - A. Rigvedic Samhita
  - B. Yajurvedic Samhita
  - C. Samavedic Samhita
  - D. Atharvavedic Samhita
  
3. Taxila was a famous site of
  - A. Early Vedic art
  - B. Mauryan art
  - C. Gandhara art
  - D. Gupta art
  
4. Worship of Mother Goddess was associated with
  - A. Aryan Civilization
  - B. Mediterranean Civilization
  - C. Indus Valley Civilization
  - D. Later Vedic Civilization
  
5. What is the Vedic name of river Ravi?
  - A. Purushni
  - B. Chandrabhaga
  - C. Arjikiya
  - D. Satadru

Suri Vidyasagar College  
History, Sem-I(Hons.Major Paper-1  
Open Book Exam.2023

You may help your Text/Reference Book or use our college Library  
(পাঠ্য বই বা আমাদের কলেজ লাইব্রেরীর সাহায্য নিতে পার)

Time – 45 minutes

Date of Exam. 15/12/2023

F.M- 05

Answer any one Question ( 1 X 5= 5)

( যে কোন একটি প্রশ্নের উত্তর দাও)

1. What type of water resource management developed during entire Indus Valley Civilization?  
সমগ্র সিন্ধু সভ্যতার সময় কোন ধরনের জল সম্পদ ব্যবস্থাপনা গড়ে উঠেছিল ?
2. What type of health consciousness developed in the society during the Indian Proto- historic period?  
প্রায়-ঐতিহাসিক ভারতীয় সমাজে কী ধরনের স্বাস্থ্য সচেতনতা গড়ে ওঠে ?
3. Write annotation with examples of used of science and technology in Aryan society.  
আর্য সমাজে বিজ্ঞান ও প্রযুক্তি ব্যবহারের উদাহরণ সহ টীকা লেখ ।
4. How secular literature helps in writing the history of Bharat.  
ধর্ম নিরপেক্ষ সাহিত্য কিভাবে ভারতের ইতিহাস রচনায় সাহায্য করে থাকে ।

Suri Vidyasagar College  
History, Sem-I(Hons.Major Paper-1  
Open Book Exam.2023

You may help your Text/Reference Book or use our college Library  
(পাঠ্য বই বা আমাদের কলেজ লাইব্রেরীর সাহায্য নিতে পার)

Time – 45 minutes

Date of Exam. 15/12/2023

F.M- 05

Answer any one Question ( 1 X 5= 5)

( যে কোন একটি প্রশ্নের উত্তর দাও)

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2. What type of health consciousness developed in the society during the Indian Proto- historic period?  
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ধর্ম নিরপেক্ষ সাহিত্য কিভাবে ভারতের ইতিহাস রচনায় সাহায্য করে থাকে ।

**GUIDELINE AND QUESTIONS PAPER**

**ONLINE MODE**

উত্তর পত্রের প্রথম পাতার শুরুতে নিচের অংশটি লেখ।

“SURI VIDYASAGAR COLLEGE  
DEPT. OF HISTORY B.A. SEM – III (Hons) 2021,  
Internal Examination, SUBJECT– HISTORY, PAPER- CC VI  
(RISE OF THE MODERN WEST –I 15<sup>th</sup> & 16<sup>th</sup> CENTURIES )  
FULL NAME .....  
University Roll No .....  
Registration no .....of .....  
Name of the Teacher – Amiya Ghosh

Signature with Date”

**F.M-10**

**TIME – 30 MINUTES**

**Answer any five of the following questions, each in more than one sentence: 2x5= 10**

নিম্ন লিখিত প্রশ্নগুলির মধ্যে যে কোন পাঁচটি প্রশ্নের উত্তর দাও। প্রতিটির উত্তর একাধিক বাক্যে লিখতে হবে:

- 1) কবে কনস্টান্টিনোপলের পতন ঘটে? সে সময় এই সাম্রাজ্যের শাসক কে ছিলেন?  
When did Constantinople fall? Who was the ruler of this empire at that time?
- 2) ‘জারজ সামন্ততন্ত্র’ বলতে কী বোঝো?  
What do you mean by "Bastard feudalism"?
- 3) ‘কৃষ্ণ মড়ক’ কি?  
What is 'Black Death'?
- 4) ফ্লেমিশ চিত্রকলার বৈশিষ্ট্য গুলি কি কি?  
What are the features of Flemish painting?
- 5) এ্যাক্ট অফ সেটেলমেন্ট কে কেন উত্তরাধিকার আইন বলা হয়?  
Why the Act of Settlement called the Legacy Act?
- 6) মানবতাবাদী আন্দোলনের কয়টি স্তর লক্ষ্য করা যায়?  
How many levels of the humanist movement can be noticed?
- 7) মার্টিন লুথার মুক্তির কোন তিন সূত্রের কথা বলেছিলেন?  
What are the three sources of Martin Luther's release?

- Use only A4 size paper for answer script
- After completion of examination save your answer script as softcopy mode on pdf format and use your university roll no for rename
- Send your softcopy answer script within 11.31 a.m. to 12.01 p.m. via e-mail – **amiya.hist.svc@outlook.com** and write in e-mail subject – **SEM THREE CC SIX**

SURI VIDYASAGAR COLLEGE, DEPT. OF HISTORY

B.A. SEM – VI (Hons) 2024, Internal Examination (16/4/24)

SUBJECT- HISTORY, PAPER- DSE-04 (HISTORY OF CHINA & JAPAN 1919-49)

F.M.- 10 (2x5)

TIME – 30 minutes

Answer any five questions. All marks are equal.

1. কোন অবস্থার প্রেক্ষিতে চীনে মে ফোর্থ আন্দোলনের সূচনা হয় ? In view of what conditions the May Fourth movement started in China?
2. নানকিং জাতীয়তাবাদী সরকারের মূল লক্ষ্য কী ছিল? What was the main goal of the Nanking Nationalist government?
3. চীনা কমিউনিস্ট পার্টির কয়টি গোষ্ঠী ছিল ? How many groups were there in the Chinese Communist Party?
4. 'কুড়াই তানিমা' বলতে কী বোঝ ? What do you mean by 'Kurai Tanima'?
5. দুই বিশ্বযুদ্ধের মধ্যবর্তীকালে জাপানে কী ধরনের মতামত গড়ে ওঠে ? . What kind of opinion developed in Japan between the two world wars?
6. মুকড্যান ঘটনা কী ছিল ? What was the Mukdan incident?
7. লিটন কমিশন কেন গঠিত হয় ? Why was the Lytton Commission formed?

SURI VIDYASAGAR COLLEGE, DEPT. OF HISTORY

B.A. SEM – VI (Hons) 2024, Internal Examination(16/4/24)

SUBJECT- HISTORY, PAPER- DSE-04 (HISTORY OF CHINA & JAPAN 1919-49)

F.M.- 10 (2x5)

TIME – 30 minutes

Answer any five questions. All marks are equal.

8. কোন অবস্থার প্রেক্ষিতে চীনে মে ফোর্থ আন্দোলনের সূচনা হয় ? In view of what conditions the May Fourth movement started in China?
9. নানকিং জাতীয়তাবাদী সরকারের মূল লক্ষ্য কী ছিল? What was the main goal of the Nanking Nationalist government?
10. চীনা কমিউনিস্ট পার্টির কয়টি গোষ্ঠী ছিল ? How many groups were there in the Chinese Communist Party?
11. 'কুড়াই তানিমা' বলতে কী বোঝ ? What do you mean by 'Kurai Tanima'?
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## SURI VIDYASAGAR COLLEGE

INTERNAL EXAMINATION  
SEMESTER- I HISTORY (Hons.)

Paper— CC II

Full Marks- 10. Time – 60 Mints.

Date 02.1.2023

Name of the Teacher-

Dr. Partha Sankha Mazumdar

যেকোনও দুটি প্রশ্নের উত্তর দাও

৫X২= ১০

- Write a short note of Paleolithic tool technology.  
প্রাচীন প্রস্তর যুগের অস্ত্র নির্মাণ কৌশল বিষয়ে টীকা লেখ।
- Analyse the motives and process of domestication of animals by the humans of Stone age.  
প্রস্তর যুগের মানব কর্তৃক পশুপালনের উদ্দেশ্য ও পদ্ধতি বিশ্লেষণ কর।
- Discuss briefly about the impacts of the advent of agriculture on the human history.  
মানব ইতিহাসে কৃষির আবির্ভাবের প্রভাব সম্পর্কে সংক্ষেপে আলোচনা কর।
- Why Neolithic period is important in the history of the human civilisation.  
মানব সভ্যতার ইতিহাসে নব্যপ্রস্তর যুগ কেন গুরুত্বপূর্ণ ?



## SURI VIDYASAGAR COLLEGE

INTERNAL EXAMINATION  
SEMESTER- I HISTORY (Hons.)  
Paper— CC II

Full Marks- 10. Time –60 Mints.

Date 02.1.2023

Name of the Teacher-

Dr. Partha Sankha Mazumdar

যেকোনও দুটি প্রশ্নের উত্তর দাও

৫X২= ১০

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- Analyse the motives and process of domestication of animals by the humans of Stone age.  
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মানব সভ্যতার ইতিহাসে নব্যপ্রস্তর যুগ কেন গুরুত্বপূর্ণ ?

**SEM 6 - HIST HONS., FIRST INTERNAL EXAM. 2023**

**PAPER – DSE-4 TIME -30 MINUTES FM-10**

**Answer any five of the Following Questions, each in more than one sentence. 2X5=10**

1. সান- ইয়াং- সেনের ভাবনায় জনগণের অধীকার বলতে কী বোঝানো হয়েছে ?  
What is meant by the rights of the people in Sun-Yat-Sen's thought?
2. চীনে “Fantom Republic” বলতে কী বোঝ ?  
What does "Fantom Republic" mean in China?
3. “Red Star over China “ গ্রন্থটির লেখক কে? এই গ্রন্থের আলোচ্য বিষয় কি ছিল ?  
Who is the author of the book "Red Star over China"? What was the topic of this book?
4. চীনে যুক্তফ্রন্ট রাজনীতির আবসান হয় কেন ?  
Why is the end of United Front politics in China?
5. “Kurai Tanima” বলতে জাপানী ইতিহাসে কী বোঝান হয়েছে ?  
What is the meaning of "Kurai Tanima" in Japanese history?
6. ওয়াশিংটন সম্মেলনে কি কি চুক্তি স্বাক্ষরিত হয়েছিল ?  
What agreement was signed at the Washington conference?
7. জাইবাৎসু বলতে কী বোঝ ?  
What do you mean by zaibatsu?
8. জাপানী সামরিকতন্ত্র কী ফ্যাসিবাদী ছিল ?  
Was the Japanese militarism fascist?

**SEM 6 - HIST HONS., FIRST INTERNAL EXAM. 2023**

**PAPER – DSE-4 TIME -30 MINUTES FM-10**

**Answer any five of the Following Questions, each in more than one sentence. 2X5=10**

1. সান- ইয়াং- সেনের ভাবনায় জনগণের অধীকার বলতে কী বোঝানো হয়েছে ?  
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8. জাপানী সামরিকতন্ত্র কী ফ্যাসিবাদী ছিল ?  
Was the Japanese militarism fascist?

**SEM 4- HIST HONS INTERNAL EXAM. 2022**

**PAPER - CC-10 Dt. Of Exam. – 14.05.2022 TIME -30 MINUTES FM-10**

**Answer any five of the Following Questions, each in more than one sentence. 2X5=10**

- 1) বাংলার বাইরে বয়কট আন্দোলন আর কোন কোন প্রদেশের ছড়িয়ে পড়েছিল?  
In which other provinces did the boycott movement spread outside Bengal?
- 2) প্রথম কখন গঠনমূলক স্বদেশী ভাবনা নিয়ে চর্চা শুরু হয়?  
When did the practice of constructive patriotic thinking first start?
- 3) ভারতবর্ষে জাতীয় কংগ্রেসের প্রথম অধিবেশন কোন সালে এবং কোথায় বসেছিল?  
In which year and where was the first session of the National Congress held in India?
- 4) গণপতি উৎসব-এর সূচনা কে করেছিলেন? এই উৎসবের সঙ্গে রাজনীতির কি সম্পর্ক রয়েছে?  
Who started Ganpati Utsav? What has politics got to do with this festival?
- 5) "Economic Drain Theory" বা সম্পদ বহির্গমন তত্ত্ব বলতে কি বোঝায়?  
What is meant by "Economic Drain Theory"?
- 6) কে কখন বঙ্গভঙ্গের প্রস্তাব ঘোষণা করেন?  
Who announced the proposal of the partition of Bengal?
- 7) জালিয়ানওয়ালাবাগের হত্যাকাণ্ড কেন ঘটেছিল?  
Why did the Jallianwala Bagh massacre take place?
- 8) মোপলা বিদ্রোহ কি?  
What is Mopla Rebellion?

**SEM 4- HIST HONS INTERNAL EXAM. 2022**

**PAPER - CC-10 Dt. Of Exam. – 14.05.2022 TIME -30 MINUTES FM-10**

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**SURI VIDYASAGAR COLLEGE**

**B.A.1<sup>st</sup> Semester (Hons.) Internal Examination,2023**

**Subject: History, Paper: CC-1**

**Time: 45 minutes**

**F.M. - 10**

(History of India - From Earliest Times up to 600 A.D.)

Answer any five of the following questions:

নিম্নলিখিত যে কোন পাঁচটি প্রশ্নের উত্তর দাও:  $2 \times 5 = 10$

1. **What are the three periods of the Stone Age?**  
প্রস্তর যুগের তিন পর্যায় কি কি ছিল ?
2. **What is Artefact?** প্রত্নবস্তু বলতে কি বোঝ ?
3. **How long did the Stone Age last?**  
প্রস্তর যুগ কতদিন টিকে ছিল ?
4. **What type of Town Planning of Indus Valley Civilization?**  
সিন্ধু সভ্যতায় নগর পরিকল্পনা কেমন ছিল?
5. **What type of Technology and Crafts developed during Indus Valley Civilization?** সিন্ধু সভ্যতায় কি ধরনের প্রযুক্তি ও হস্তশিল্পের বিকাশ ঘটে ?
6. **What was the composition of Sabha and Samiti during Vedic period?** বৈদিক যুগে সভা ও সমিতির গঠন কেমন ছিল ?
7. **What was the position of women during the Vedic Period?** বৈদিক সভ্যতায় সমাজে মেয়েদের স্থান কেমন ছিল?

**SURI VIDYASAGAR COLLEGE**

**B.A.1<sup>st</sup> Semester (Hons.) Internal Examination,2023**

**Subject: History, Paper: CC-1**

**Time: 45 minutes**

**F.M. - 10**

(History of India - From Earliest Times up to 600 A.D.)

Answer any five of the following questions:

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3. **How long did the Stone Age last?**  
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**SURI VIDYASAGAR COLLEGE**  
**SEM-3, HIST HONS INTERNAL EXAM. 2022**  
**PAPER - CC-VI TIME -45 MINUTES FM-10**  
**Answer five questions, each in more than one sentence. 2X5=10**  
**or answer two Questions 5x2=10**

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- 1) a) 'দি প্রিন্স' গ্রন্থে ম্যাকিয়াভেলি শাসক কে কি কি পরামর্শ দিয়েছিলেন? 2  
b) নবজাগরণের মূল তিনটি শব্দ রয়েছে যা ভাসারি ব্যবহার করেছিলেন- সেগুলি কি কি ? 2  
c) উত্তরের নবজাগরণের সঙ্গে ইতালির নবজাগরণের কি পার্থক্য রয়েছে? 2  
d) 1453 খ্রিস্টাব্দে ইতিহাসে কেন তাৎপর্যপূর্ণ ? 2  
e) মরিস ডব বক্তব্যকে প্রথম কে সমালোচনা করেছিলেন? 2

অথবা

- f) পূর্ব ইউরোপে সামন্ততন্ত্রের পুনরুত্থান ঘটে কেন ? 5  
g) কোপার্নিকাসের ভাবনাকে বৈপ্লবিক ছিল? 5

**SURI VIDYASAGAR COLLEGE**  
**SEM-3, HIST HONS INTERNAL EXAM. 2022**  
**PAPER - CC-VI TIME -45 MINUTES FM-10**  
**Answer five questions, each in more than one sentence. 2X5=10**  
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- 2) a) 'দি প্রিন্স' গ্রন্থে ম্যাকিয়াভেলি শাসক কে কি কি পরামর্শ দিয়েছিলেন? 2  
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## **SEM-I, CC-1 MODEL QUESTIONS, 2022**

### **What are the three periods of the Stone Age?**

The first period is the Palaeolithic, and 'palaeo' means old, that's why you get people like 'palaeontologists' who study very old things. So the Palaeolithic literally means the 'Old Stone Age' – the first part of the Stone Age. After that you get the Mesolithic, and 'Meso' simply means 'middle', so the 'Middle Stone Age' and finally you have the Neolithic, and 'Neo' means new, so the 'New Stone Age', the last little bit of the Stone Age.

### **How long did the Stone Age last?**

So the Stone Age goes from the very earliest stone tools ever found right the way through to when people started to use metal. So this most of human history, and it happens at different times in different places. In Britain, the earliest stone tools we've ever found date to about 900,000 years ago, and they were found in Norfolk. And the Stone Age ends, around about 4,500 years ago, when the Bronze Age began.

### **What is Artefact?**

An artefact is an object made by a human being. Artefacts include art, tools, and clothing made by the people of any time and place. The term can also be used to refer to objects, such as a shard and broken pottery or glassware. Artefacts are in scholars who want to learn about a culture.

### **What is Indus Valley Civilization?**

Indus Valley Civilization, also known as Harappan Civilization, is a Bronze age civilization that existed through its early years of 3300-1300 BCE, and its mature period of 2600-1900 BCE. The area of this civilization was spread along the Indus River from what today is northeast Afghanistan into Pakistan and northwest India.

### **Chronology of Indus Valley Civilization**

The three periods of the Indus Valley Civilization—the Early Harappan Phase, which lasted from 3300 to 2600 BCE, the Mature Harappan Phase, which lasted from 2600 to 1900 BCE, and the Late Harappan Phase, which lasted from 1900 to 1300 BCE—are frequently distinguished.

- Period 1: Pre-Harappan Period (3300 BC – c. 2800 BC)
- Period 2: Early Harappa Period (c. 2800 BC – c. 2600 BC)
- Period 3: Harappa Period
  - Period 3A Harappan Phase A (c. 2600 BC – c. 2450 BC)
  - Period 3B Harappa Phase B (c. 2450 BC – c. 2200 BC)
  - Period 3C Harappa Phase C (c. 2200 BC – c. 1900 BC)
- Period 4: Harappa/Late Harappa Transitional Period (c. 1900 BC – c. 1800 BC)
- Period 5: Late Harappa Phase (c. 1800 BC – < 1300 BC)

### **Town Planning of Indus Valley Civilization**

Small Early Harappan villages had grown into sizable urban centres by 2600 BCE. These cities are Dholavira, Kalibangan, Rakhigarhi, Rupar, and Lothal in contemporary India, and Harappa, Ganeriwala, and Mohenjodaro in contemporary Pakistan. Over 1,052 towns and communities have been discovered in total, mostly around the Indus River and its tributaries.

- Grid system(Chess-board) of town planning
- Rectangular houses with brick-lined bathrooms and wells together with stairways are found
- Use of Burnt bricks
- Underground drainage system
- Fortified citadel

### **Technology and Crafts**

- Bronze (Copper + tin) tools were widely used.
- Stone implements were still in vogue.
- Potter's wheel was put to full use.
- Bronzsmiths, Goldsmiths, Boat-Making, Brick-laying etc were other occupations commonly found.

### **Trade of Indus Valley Civilization**

- The presence of granaries, weights and measures, seals and uniform script signifies the importance of trade.
- The barter system was widely prevalent.
- Lothal and Sutkagendor were port cities used for conducting trade.
- Trade destinations – Afghanistan, Iran and Central Asia. Contacts with Mesopotamia civilization are also seen.

### **Indus Valley Civilization Religion**

The religion of Harappa is still up for debate. There is widespread speculation that the Harappans revered a mother deity who represented fertility. The Indus Valley Civilization does not appear to have had any temples or palaces that would have provided obvious proof of religious practices or individual deities, in contrast to Egyptian and Mesopotamian civilizations. A swastika sign, used in later Indian faiths including Hinduism, Buddhism, and Jainism, is shown on a few Indus Valley seals.

- Terracotta figure of Mother Goddess.
- Phallu and Yoni worship.
- Pashupati Mahadev seal was found with the elephant, tiger, rhino and a bull surrounding him with two deer near his feet.

### **Causes for Indus Valley Civilisation Decline**

Around 1800 BCE, climate change and migration caused the Indus Valley Civilization to fall. Mohenjo-Daro and Harappa, the two major cities of the Civilization, finally vanished. Because it was the earliest city of the civilisation that contemporary archaeologists found, Harappa gives the Indus Valley people their name.

Archaeological data suggests that commerce with Mesopotamia, which is mostly located in present-day Iraq, seems to have ceased. The large cities' sophisticated drainage systems and baths were covered up or stopped. Standardized weights and measurements that were used for commerce and taxes started to vanish, along with writing.

**SEM-I, CC-1 MODEL QUESTIONS, 2022**

**Surprise Class Test- SEM-I, CC-01**

**Name (block letter):**

**Class Roll no**

**Answer all Questions**

**Full Marks: 05**

**Tme – 15 Minutes**

**Q1. Which one of the following Indus Valley Civilization sites gives evidence of a stadium?**

- (a) Harappa
- (b) Kalibangan
- (c) Mohenjodaro
- (d) Dholavira

**Q2. The local name of Mohenjodaro is:**

- (a) Mound of Living
- (b) Mound of Survivor
- (c) Mound of Dead
- (d) Mound of Great

**Q3. Who is the most important God in Rigveda?**

- (a) Agni
- (b) Indra
- (c) Varun
- (d) Vishnu

**Q4. Which one of the following Indus Valley Civilization sites gives evidence of a dockyard?**

- (a) Harappa
- (b) Mohenjodaro
- (c) Lothal
- (d) Dholavira

**Q5. Harappa is located on the bank of the River:**

- (a) Indus
- (b) Ravi
- (c) Beas
- (d) Sutlej

Full Signature with Date

## **SEM-I, CC-1 MODEL QUESTIONS, 2022**

### **1) What are the three periods of the Stone Age?**

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**6) Town Planning of Indus Valley Civilization**

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**7) Technology and Crafts**

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Archaeological data suggests that commerce with Mesopotamia, which is mostly located in present-day Iraq, seems to have ceased. The large cities' sophisticated drainage systems and baths were covered up or stopped. Standardized weights and measurements that were used for commerce and taxes started to vanish, along with writing.

**11) What was the Sabha and Samiti during Vedic period?**

Ans. It was an advising assembly of the king. It was the council of elders who used to give advice to the king. It was an advising assembly of the king and it was the national assembly of the whole people.

**12) Which were the most popular deities of the early Aryans? Which gods became prominent during later Vedic age?**

Ans. The most popular deities of the early Aryans were Indra and Varuna. Brahma, Vishnu, Shiva, Rama and Krishna became prominent during later Vedic age.

**13) What was the position of women during the Vedic Period?**

Ans. The women enjoyed a high status in society. There was no children marriage. Widow Remarriage was allowed. During the later Vedic period women lost much of their position and privileges enjoyed during early Vedic period.

**14) Who were the Indo-Aryans? Why Vedic Civilization is also known as Aryan- Civilization?**

Ans. The Aryans who came to India, are known as Indo-Aryans, Because the Aryans were the maker of this civilization.

**15) Who did compose the Ramayana and Who wrote the Mahabharat?**

Ans. Rishi Valmiki. This epic describes the life and the great, deeds of Lord Rama, Rishi Vyas wrote the Mahabharat, this epic describes the war between the Pandavas and the Kauravas.

**SEM-I, CC-1 MODEL QUESTIONS, 2022**

**Surprise Class Test- SEM-I, CC-01 (Group- 1)**

**Name (block letter):**

**Class Roll no**

**Answer all Questions**

**Full Marks: 05**

**Tme – 10 Minutes**

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- (a) Harappa
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- (c) Mohenjodaro
- (d) Dholavira**

**Q2. The local name of Mohenjodaro is:**

- (a) Mound of Living
- (b) Mound of Survivor
- (c) Mound of Dead**
- (d) Mound of Great

**Q3. Who is the most important God in Rigveda?**

- (a) Agni
- (b) Indra**
- (c) Varun
- (d) Vishnu

**Q4. Which one of the following Indus Valley Civilization sites gives evidence of a dockyard?**

- (a) Harappa
- (b) Mohenjodaro
- (c) Lothal**
- (d) Dholavira

**Q5. Harappa is located on the bank of the River:**

- (a) Indus
- (b) Ravi**
- (c) Beas
- (d) Sutlej

Full Signature with Date

**SEM-I, CC-1 MODEL QUESTIONS, 2022**

**Surprise Class Test- SEM-I, CC-01 (Group- 2)**

**Name (block letter):**

**Class Roll no**

**Answer all Questions**

**Full Marks: 05**

**Tme – 10 Minutes**

**1. Which of the following was the basic unit of Vedic Society?**

- A. Jana
- B. Vidath
- C. Parivar
- D. Sangh

**2. Who among the following was not the god of atmosphere during Vedic period?**

- A. Indra
- B. Marut
- C. Rudra
- D. Dyans

**3. Which river is not mention in Rigveda?**

- A. Narmada
- B. Sindhu
- C. Ganga
- D. Yamuna

**4. What was the term used to denote the wooden plough by Rigvedic Aryans?**

- A. Ayas
- B. Langal
- C. Kulal
- D. Yava

**5. Who does Vedic people call Potter?**

- A. Vidath
- B. Kulal
- C. Ayas
- D. Langal

Full Signature with Date



# SURI VIDYASAGAR COLLEGE

(Govt. Sponsored & Constituent college of the University of Burdwan)

SURI, BIRBHUM, PIN – 731101, Ph. No. – 03462-255504

Website : [surividyasagarcollege.org.in](http://surividyasagarcollege.org.in), e-mail: : [surividyasagarcollege1942@gmail.com](mailto:surividyasagarcollege1942@gmail.com)

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Department of Microbiology, Suri Vidyasagar College



**B.Sc. Hons. Semester IV Examination, 2019 (CBCS)**  
**Microbiology (Honours)**  
**Internal Assessment- C1, (CBCS)**

**Paper- CC10**

**Full Marks: 05**

**Time: 15 min**

Answer any five questions:

1 x 5 = 5

1. What do you mean by spoilage of food?
2. Why study of food spoilage is necessary?
3. What is whiskers?
4. What do you mean by souring of meat.
5. Name the causative agent for red rot in egg.
6. What is pin spot molding?
7. Name the causative agent for surface slime on meat.
8. Name two fungus responsible for fruit spoilage.

**B.Sc. Hons. Semester VI Examination, 2020 (CBCS)**  
**Microbiology (Honours)**  
**Internal Assessment- C2**  
**Paper- CC13**

**Full Marks: 05**

**Time: 15 min + (15 min**

**extra for downloading question paper, scanning and uploading of answer script)**

Answer any **five** questions:

**1 x 5 = 5**

1. Differentiate between exotoxin and endotoxin.
2. What do you mean by opportunistic infection?
3. Mention two preventive measures to control malaria.
4. What are the symptoms of amoebiasis?
5. Name one beta-lactum and one DNA synthesis inhibitor antibiotic.
6. Name the causative agent of candidiasis.
7. What is the role of Taq polymerase?
8. What is the use of DNA probe in medical microbiology?

**[Rename PDF as Roll number-sem5-paper name]**

**B.Sc. Hons. Semester II Examination, 2021 (CBCS)**

**Microbiology (Honours)**

**Internal Assessment**

**Paper- CC3**

**Full Marks: 10**

**Time: 30 min**

Answer any five questions:  $2 \times 5 = 10$

1. Define entropy.
2. Define epimer.
3. What do you mean by 18:2( $\Delta^9,12$ )? Give structure.
4. What are essential fatty acids?
5. Draw the structure of N- acetyl neuraminic acid.
6. Define mutarotation.
7. Differentiate between saturated and unsaturated fatty acid.
8. 'Sucrose is a nonreducing sugar' – explain.

**[Rename PDF as Roll number- sem2-paper name  
For example: 190xxxxxxxxx-sem2-CC3]**

**B.Sc. Hons. Semester I Examination, 2022 (CBCS)**  
**Microbiology (Honours)**  
**Internal Assessment, Paper- CC2**

**Full Marks: 10**

**Time: 30 min**

Answer any **five** questions:

2 x 5 = 10

1. Define generation time.
2. Differentiate between spread plate and pour plate.
3. What stands for VBNC? Why are they not growing in the lab?
4. Differentiate between selective media and differential media.
5. Write down the significance of lag phase.
6. What is microbial culture collection centre? Give example.
7. What is the function of SOD and catalase?
8. Define pure culture.

**MICROBIOLOGY (Honours)**  
**Internal Assessment- 2023, (CBCS)**  
**Semester- V, Paper- CC11**

**Full Marks: 10**

**Time: 30 min**

Answer any **five** questions:

2 x 5 = 10

1. What is sparger? Mention its types.
2. Define baffles. Mention its role in a stirred tank fermenter.
3. What is the significance of headspace in a fermenter?
4. What do you mean by fed batch fermenter?
5. What is airlift fermenter?
6. What are antifoam agents? Give example.
7. Write down four major characters of a good fermenter.
8. Differentiate between submerged fermentation and stationary fermentation.



SURI VIDYASAGAR COLLEGE  
 B.Sc. HONS. (CBCS) EXAMINATION, 2019  
 SEMESTER - V INTERNAL ASSESMENT  
 DEPARTMENT : **MICROBIOLOGY**  
 PAPER – CC11

Sl No.	Student Name	University Roll	Full Internal Marks	Marks Obtained			
				C1	C2	C3	Total
1	ARPAN DUTTA	170331000022	15	5.0	4.5	4.0	13.5
2	SARALYA CHOWDHURY	170331000097	15	5.0	4.0	4.0	13.0
3	SAYANTANI SEN	170331000101	15	4.5	4.0	3.0	11.5
4	SOUVIK MONDAL	170331000121	15	4.5	4.5	4.0	13.0

**PAPER – DSE 1**

Sl No.	Student Name	University Roll	Full Internal Marks	Marks Obtained			
				C1	C2	C3	Total
1	ARPAN DUTTA	170331000022	15	4.0	4.0	4.0	12.0
2	SARALYA CHOWDHURY	170331000097	15	4.0	4.0	4.0	12.0
3	SAYANTANI SEN	170331000101	15	3.5	4.0	4.0	11.5
4	SOUVIK MONDAL	170331000121	15	3.5	4.0	4.0	11.5

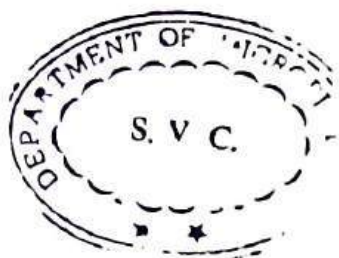


SURI VIDYASAGAR COLLEGE  
B.Sc. HONS. (CBCS) EXAMINATION 2020  
SEMESTER - IV INTERNAL ASSESSMENT

DEPARTMENT : **MICROBIOLOGY**

**PAPER – CC8**

Sl No.	Student Name	Reg. No	University Roll	Full Internal Marks	Marks Obtained			
					C1	C2	C3	Total
1	Abdul Munim Mondal	201801034245	180331000001	15	4.5	4.0	5.0	13.5
2	Abhishek Mukherjee	201801034247	180331000003	15	4.5	4.5	5.0	14.0
3	Ankit Karmakar	201801034255	180331000009	15	5.0	4.0	5.0	14.0
4	Arunima Chowdhury	201801034266	180331000019	15	5.0	5.0	5.0	15.0
5	Champa Hazra	201801034277	180331000030	15	5.0	5.0	5.0	15.0
6	Kazi Nishat Muskan	201801034293	180331000046	15	4.5	4.0	5.0	13.5
7	Moumita Roy	201801034306	180331000058	15	5.0	5.0	5.0	15.0
8	Ranotosh Banerjee	201801034328	180331000077	15	4.0	4.0	5.0	13.0
9	Saptadipa Pal	201801034340	180331000089	15	5.0	5.0	5.0	15.0
10	Sayani Banerjee	201801034345	180331000094	15	5.0	4.0	5.0	14.0



SURI VIDYASAGAR COLLEGE  
B.Sc. HONS. (CBCS) EXAMINATION 2021  
SEMESTER - V INTERNAL ASSESSMENT  
DEPARTMENT : MICROBIOLOGY

**COURSE CODE – CC 11**

Sl No.	Student Name	Reg. No	University Roll	Full Internal Marks	Marks Obtained			
					C1	C2	C3	Total
1	Aayushee chatterjee	201901032341	190331000001	15	5.0	4.5	5.0	14.5
2	Anjali Chowdhury	201901032350	190331000008	15	3.0	3.0	5.0	11.0
3	Aritra Mondal	201901032359	190331000016	15	4.5	4.5	5.0	14.0
4	Asmatara Khatun	201901032364	190331000020	15	4.0	4.0	5.0	13.0
5	Biswajit Chakrabarty	201901032368	190331000024	15	4.5	4.5	5.0	14.0
6	Md Nousheem Fardeen	201901032395	190331000050	15	5.0	4.5	5.0	14.5
7	Rima Hazra	201901032418	190331000072	15	4.5	3.5	5.0	13.0
8	Rituparna Mondal	201901032423	190331000077	15	3.5	3.5	5.0	12.0
9	Samarendu Su	201901032429	190331000083	15	4.5	4.5	5.0	14.0
10	Sampanna Roy	201901032430	190331000084	15	5.0	5.0	5.0	15.0
11	Saptarshi Chandra	201901032431	190331000085	15	4.5	4.5	5.0	14.0
12	Snehasish Bhandari	201901032440	190331000094	15	4.0	4.0	5.0	13.0
13	Srijita Pal	201901032444	190331000098	15	4.0	4.0	5.0	13.0





**B.Sc. 1<sup>st</sup> Semester (Honours) Examination, 2022 (CBCS)**

Internal Assessment

Subject: **MICROBIOLOGY**

Suri Vidyasagar College

Course – **CC 2 (Bacteriology)**

Sl No.	Name of Examinee	Registration No	Roll No	Full Marks	Marks Obtained		
					C1 (10)	C2 (05)	Total
1	Anisha Das	202201035226	220131000003	15	08	05	13
2	Anutri Sen	202201035229	220131000006	15	09	05	14
3	Arijit Chattaraj	202201035231	220131000008	15	07	04	11
4	Arijit Paitandi			15	06	03	09
5	Arnab Mishra	202201035234	220131000010	15	08	05	13
6	Baijunnesa Begam	202201035241	220131000016	15	08	04	12
7	Biswajit Das	202201035246	220131000021	15	04	04	08
8	Debasish Bhattacharyee		220131000026	15	06	05	11
9	Dhriti Roy	202201035256	220131000029	15	10	05	15
10	Inamur Rahaman	202201035263	220131000034	15	10	04	14
11	Jit Baul	202201035266	220131000037	15	05	04	09
12	Md Nasifuddin	202201035274	220131000043	15	09	03	12
13	Monoj Kumar Das	202201035278	220131000046	15	09	05	14
14	Samanita Chatterjee	202201035304	220131000066	15	09	05	14
15	Sandip Pal	202201035308	220131000070	15	07	05	12
16	Tina Mondal	202201035339	220131000094	15	07	05	12
17	Umme Kulsum Khatun	202201035342	220131000096	15	05	03	08



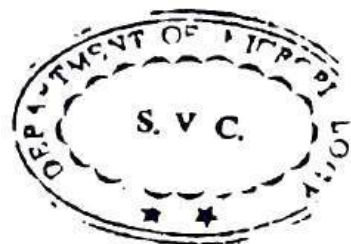
*Amanath Chattopadhyay*

**Signature of the Examiner**

Suri Vidyasagar College  
B.Sc. 5<sup>th</sup> Semester (Honours) Examination, 2023 (CBCS)  
Internal Assessment  
Subject: **Microbiology**

**Course – CC 11 (Industrial Microbiology)**

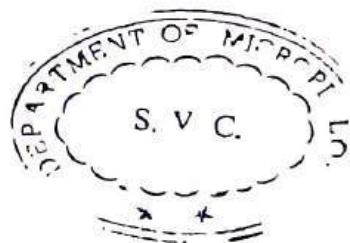
Sl No.	Name of Examinee	Registration No	Roll No	Full Marks	Marks Obtained		
					C1 (10)	C2 (5)	Total
1	ARPITA PAL	202101040919	210331000013	15	10	5	15
2	ASPIA KHATUN	202101040925	210331000017	15	9	5	14
3	AVIJIT MONDAL	202101040926	210331000018	15	4	2	06
4	DEBDAS MONDAL	202101040934	210331000025	15	7	5	12
5	MD MINHAJUDDIN	202101040955	210331000040	15	8	5	13
6	SANGITA SENGUPTA	202101040982	210331000064	15	10	5	15
7	SUBHAM MONDAL	202101040995	210331000070	15	8	5	13
8	SUSHOBHAN MARDI	202101041003	210331000075	15	7	5	12



*Amrita Chatterjee*  
Signature of the Examiner

**Course – CC 12 (Immunology)**

Sl No.	Name of Examinee	Registration No	Roll No	Full Marks	Marks Obtained		
					C1 (10)	C2 (5)	Total
1	ARPITA PAL	202101040919	210331000013	15	9	5	14
2	ASPIA KHATUN	202101040925	210331000017	15	7	5	12
3	AVIJIT MONDAL	202101040926	210331000018	15	4	2	06
4	DEBDAS MONDAL	202101040934	210331000025	15	7	5	12
5	MD MINHAJUDDIN	202101040955	210331000040	15	6	5	11
6	SANGITA SENGUPTA	202101040982	210331000064	15	8	5	13
7	SUBHAM MONDAL	202101040995	210331000070	15	7	5	12
8	SUSHOBHAN MARDI	202101041003	210331000075	15	7	5	12



*Ramkrishna Roy*  
Signature of the Examiner





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Department of Mass Communication and Journalism, Suri  
Vidyasagar College

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Countersigned on verification

358183



Officer-in-Charge

# THE UNIVERSITY OF BURDWAN

Internal Examination, 2021-22

Subject MCJH Paper CC-6 Half

Roll 210/31000 No. 216 Registration No. 202101039374 of 2021-22

- 1) ~~Television first introduced in Kolkata~~
- 2) ~~কলকাতায় প্রথম Television Center 1975 সালে~~
- 3) ~~ভারতের প্রথম Television Director General হলেন -  
শ্রী. বি. কৃষ্ণমূর্তি~~
- 4) ~~SITE :-~~
- 5) ~~Satellite Instructional Television Experiment~~
- 6) ~~1975 সালে ভারতীয় ISRO ও NASA এর সহায়তায়  
সেই সালে Satellite Television এর প্রচেষ্টা  
সম্পন্ন হয়। এই প্রকল্পের প্রধান হলে, যা  
মাত্র 2400 টি মাত্র TV সেট প্রদান করে।~~



5) DD National Channel এর Slogan ২য় —  
 "বিশ্বের উন্নয়ন প্রদর্শন" ~~"বিশ্বের উন্নয়ন প্রদর্শন"~~

6) ~~DD~~ International Sports Channel এর নাম —  
 Star sports-1, sky Sports, ~~১০~~ TEN Sports.

4) BCI :—  
 ১৯৮৪ তে BCI Broadcasting Corporation of India  
 সূচনা হয়। এর মাধ্যমে ভারতীয় সরকার  
 DD Network তৈরি করে এবং AIR,  
 দূর দিল্লীতে কেন্দ্রিত।

7) Camera Focusing :—  
 Camera Focusing হল একটি Photographic Team,  
~~Camera~~ photography এর  
 একটি প্রক্রিয়া যা এর Camera & লেন্সের Adjustment  
 Sharpness এর Contrast এরিয়ে প্রক্রিয়ায় করা হয়  
 হয়। এই Camera লেন্স প্রক্রিয়ায় Auto focus & Manual  
 Focus প্রক্রিয়ায় করা হয়।

8) Establishment Shot এর আরম্ভে স্থির ভিউর  
 দ্বারা স্থানের চারপাশে ভূমি বর্ণনা বা চারপাশে Highlight  
 করতে ব্যবহৃত হয়।  
 অর্থাৎ → প্রতিটি ক্ষেত্রে যে কোনো স্থানের  
 মূলতঃ স্থান, স্থানীয় স্থিতিস্থাপন বর্ণনা করে  
 করা হয়।



1) Importance of 1982 :-

- (i) 1982 তে প্রথম Colour TV প্রচলিত হয়ে।
- (ii) 1982 তে প্রথম TV তে Live অনুষ্ঠান শুরু হয়।

12

এছাড়াও কিছু কিছু ক্ষেত্রে Community প্রকল্পে বিভিন্ন কার্যক্রম শুরু, অধিক তথ্য, তালিকাভুক্ত করা পৌঁছে দেয়া জন্য Community television শুরু প্রয়োজন। এর মাধ্যমে সাম্প্রতিক, অর্থনৈতিক, খেলাধুলি, অসুস্থ রোগী এবং মানুষের কাছে পৌঁছে যায়।



358244

10  
16



CC-11

Officer-in-Charge

# THE UNIVERSITY OF BURDWAN

Internal Examination, 2022

Subject: MCT Paper: CC 11 Half: .....

Roll: 2001310 No. 00018 Registration No. 202001030971 of 2020-21

1. International Communication বা আন্তর্জাতিক  
 জ্ঞাপন হল; জ্ঞাপনেরই বিদ্যায়িত রূপ। অর্থসং, জ্ঞাপন  
 করা বার্তা মগন ভৌগলিক সীমানা অতিক্রম করে বিদেশ  
 ছড়িয়ে পাবে থাকেই বলে আন্তর্জাতিক জ্ঞাপন বলে।  
 এর জন্যে স্বস্বা, রাজনীতি ও অর্থনৈতিক সুবিধা হয় এবং  
 দেশগুলির মর্যাদা সুসম্পর্ক বজায় থাকে।

2. বিংশ শতাব্দির দ্বিতীয় দশকে ভার্সাই চুক্তি ছিল জার্মানির  
 জন্যে অত্যন্ত বিপজ্জনক। এই সন্ধিতে জার্মানির  
 সুলভিত পর্ব পুনোুদ্ধার করতে অসমর্ভব হয় ছিলার ও তার  
 নাৎসি দলের, মাঝে অতিপ্রচারক কার্যকর তার ব্যবহার  
 করেছিল। ছিলারের মূল বক্তব্য ছিল, জার্মানরাই হল  
 পৃথিবীর স্রেষ্ঠ জাতি। এই অতিপ্রচারই Nazi Propaganda  
 নামে পরিচিত। এর মূল স্থাপিত্ব লেন Joseph Weblet  
 নামক এক ব্যক্তি।



3. ~~Two Major Block of Cold war are~~  
~~in United Stat~~

45828

Cold war - এর দুটি প্রধান Block হল

→ United States of America [USA]

→ Soviet Union [USSR]

4. UNESCO → যার অর্থ হল United Nations of Educational, Scientific and Cultural Organisation  
1945 সালে দ্বিতীয় বিশ্বযুদ্ধের পর আন্তর্জাতিক জ্ঞান, বুদ্ধির উন্নয়ন ও মানবসম্পদের আবির্ভাব ঘটে। মোট 195 টি দেশ ও 8 টি Associate দেশ নিয়ে UNESCO গঠিত হয়েছে।  
এর প্রধান অফিস প্যারিসে অবস্থিত।

(i) Voice of America

(ii) BBC

(iii) Radio Free Europe

(iv) Radio Liberty



6

পৃথিবীর মানচিত্রে ~~এক~~ একটি কাল্পনিক রেখা মাঝ উত্তর রয়েছে ~~এক~~ উত্তর অক্ষ, উত্তর দেকাগুলি একাে দক্ষিণে অণোক্ষা কৃত অনুত্তর দেকা গুলি বিবাজ করে। উত্তরে যেমন USA, UK ইত্যাদি এবং দক্ষিণে আফ্রিকান মহাদেশের দেকা গুলি এছাড়া দক্ষিণ আমেরিকার দেকা গুলি। পৃথিবীর ~~দেকা~~ গুলি নিজেদের উত্তরের দেকা গুলি বরাবর দক্ষিণের দেকা গুলির উত্তর সম্বলিত যিদ্ধারের ~~দেকা~~ ~~স্বার্থ~~ ছিল।

7.

NWICO → এর পুরো কথাটি হল New World Information, Communication Order. 1984 সালে Balanced Flow of Information বা উত্তরের অমদান প্রদানে সমতা আনার উদ্দেশ্যে এই আন্তর্জাতিক আন্দোলন উদ্ভূত হয়। Mac Bride Commission - এর সুপারিশে NWICO প্রতিষ্ঠিত হয়।

8.

মোট 16 টি দেশ Mac Bride Commission - এ যুক্ত ছিল।

9.

CNN Network - এর Founder হলেন Ted Turner.



**SURI VIDYASAGAR COLLEGE, MCJ, SEM IV, INTERNAL ASSESSMENT**

**10x1=10**

**CC 8 ( Ans any 10 question)**

- 1) What is new in new media?
- 2) Write down any two advantages of CMC.
- 3) Write down a short note on Network Society.
- 4) Why new media is called convergence media?
- 5) When was 'Copy Right Act' passed?
- 6) What is online communities?
- 7) What is the function of Web 2.0?
- 8) What is the difference between Copy left and Open source?
- 9) Write down any two ethics of new media.
- 10) Who proposed Information society theory?
- 11) What is function of 'Remediation' on new media technologies?
- 12) Write down any two functions of digital archive?

**CC 9 ( Ans any 10 question)**

- 1) According to EM ROGERS what is meant by development communication.
- 2) Full form of ADB.
- 3) Draw the DSC model and discuss shortly.
- 4) Who first introduced the development support communication model?
- 5) Shortly discuss what was Gandhian view on development.
- 6) Who was the proponent of the Dependency model?
- 7) Mention the two objectives of the Dependency model.
- 8) Discuss the two purposes of dominant paradigm.
- 9) Mass media as magic multipliers. Who is the proponent of this statement?
- 10) What was the name of the satellite used for broadcasting in the SITE project?
- 11) The SITE project was a joint venture between two government agencies, what are their names?
- 12) Full name of SAC.

**CC 10 ( Ans any 10 question)**

- 1) What is section 124A of IPC,1860?
- 2) What is slander?
- 3) Article 19(1)(a)
- 4) Article 21
- 5) Is surveillance legal?
- 6) Section 500
- 7) Section 5(2) of Telegraph Act of India, 1885
- 8) What is sting operation?
- 9) Write two exceptions of Defamation?
- 10) What is the difference between ethics and law?
- 11) Which part of Indian constitution consisting fundamental rights?
- 12) Match the following:
  - a) Wilful disobedience
  - b) 144 hours
  - c) 1971
  - d) Libel
  - 1) Contempt of court
  - 2) Defamation
  - 3) Working journalist
  - 4) Civil contempt

**Suri Vidyasagar College**

**Mass Communication & Journalism**

**International Assessment**

**Sem – 5 , Date : 15/12/2021, F.M – 10**

**Answer any ten questions : (10× 1 = 10)**

- 1. What was the first Indian film studio?**
- 2. Name two movies directed by Edwin Porter.**
- 3. Name the first talkie of Indian cinema.**
- 4. What is lip sync?**
- 5. What does CBFC stand for?**
- 6. What is diegetic sound?**
- 7. What do you know about 'Apu Trilogy'?**
- 8. Name two cult films of Ritwik Ghatak.**
- 9. Name two movies directed and acted by Charlie Chaplin.**
- 10. What are the famous Hollywood studios in silent era?**
- 11. What is montage?**
- 12. What do you know about tilt shot?**



**Suri Vidyasagar College**

**Sem 6, Internal assessment**

**Mass communication & journalism**

**Paper – CC 13**

1. What do you know about rural culture perspective?
2. What is agriculture society?
3. Explain the communication gap in PRI.
4. Discuss the three tiers of Panchayati Raj in short.
5. What does DSE stands for?
6. Name two low cost participatory media use to communicate to the people of villages.
7. What is participatory approach?
8. Elucidate two communication strategies in PRIs.
9. Explain the role of community media in rural development.
10. What is SHG?
11. Discuss the correlation between rural people and participatory development.
12. Explain in short Campaigning of health development and primary education.

**CC-14**

1. What is media management?
2. Write a short note on FDI.
3. What is vertical ownership?
4. Write any two names of conglomerate organization.
5. What are the fundamental elements of management?
6. Write down two limitations of strategic management.
7. What is capital inflow?
8. Write a short note on financial management.
9. TAM
10. When does equal opportunity act pass?
11. Write down any two roles and responsibilities of a circulation manager.
12. What is workflow?



**CC 8 ( Ans any 10 question)**

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a) Wilful disobedience	1) Contempt of court
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d) Libel	4) Civil contempt

# SURI VIDYASAGAR COLLEGE

Semester - 5

Internal Assessment - 1,2 (2021)

CC - 11

Sub : Mass communication & Journalism

FM- 10

Answer any ten questions ( Write short note) (10 x 1=10)

- 1) What is international communication ?
- 2) What was Nazi propoganda.?
- 3) What is globalization?
- 4) Who were the major two blocks involved in cold war .?
- 5) NWICO
- 6) UNESCO
- 7) What was the tittle of mcbride commissions report ?
- 8) When was CNN founded.
- 9) What is embedded journalism ?
- 10)What is the full form of USSR .?
- 11)What is cultural imperialism .?
- 12)Write a short note on " Radio free Europe"



# SURI VIDYASAGAR COLLEGE

(Govt. Sponsored & Constituent college of the University of Burdwan)

SURI, BIRBHUM, PIN – 731101, Ph. No. – 03462-255504

Website : [surividyasagarcollege.org.in](http://surividyasagarcollege.org.in), e-mail: : [surividyasagarcollege1942@gmail.com](mailto:surividyasagarcollege1942@gmail.com)

This Institution is Ragging Free

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Department of Mathematics, Suri Vidyasagar College

SURI VIDYASAGAR COLLEGE  
B.A./ B.Sc., Sem-VI (Honours) Internal Assessment, 2023  
Subject : Mathematics

Time : 30 Minutes

Full Marks : 10

Paper- CC13

Answer any five questions-

[2x5=10]

1. Define eventually constant sequence in a metric space. Prove that in a discrete metric space, no sequence other than the eventually constant sequence can converge.
2. Prove that a set  $A$  is closed in a metric space  $X$  iff every sequence in  $A$  which converges in  $X$ , converges to a point of  $A$ .
3. Define complete metric space. Give example of an incomplete metric space with justification.
4. State Cantor's intersection theorem and prove the necessary part only.
5. Define continuity of a function from one metric space to another. Show that every function from a discrete metric space to any metric space is continuous.
6. If  $f(z)$  is a regular function of  $z$ , prove that  $\left(\frac{\partial^2}{\partial x^2} + \frac{\partial^2}{\partial y^2}\right) |f(z)|^2 = 4f'(z)^2$
7. If  $f(z) = u + iv$  is analytic function and  $u - v = e^x (\cos y - \sin y)$ , find  $f(z)$  in terms of  $z$ .
8. Let  $f(z) = \frac{\bar{z}^2}{z}$  ( $z \neq 0$ ) and  $f(z) = 0$  ( $z = 0$ ). Examine  $f'(0)$  exist or not?



**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-VI (Honours) Internal Assessment, 2023**  
**Subject : Mathematics**

Time : 30 Minutes

Full Marks : 10

Paper- DSE-43

Answer any five questions-

[2x5=10]

1. A given volume  $V$  of a heavy liquid is acted upon by forces  $-\mu x, -\mu y, -\mu z$  ; find the equation to the free surface.
2. Find the depth of centre of pressure (C.P.) from free surface when a triangular area immersed in a liquid with one side in the free surface.
3. Find the centre of pressure of a quadrant of a circle immersed with its plane vertical in a heavy homogeneous liquid and with its bounding radius on the free surface, the radius of the circle being  $a$ .
4. State the condition for the equilibrium of floating bodies.
5. Discuss briefly the Galilean Transformations.
6. Show that distance between two points remains invariant under Galilean Transformations.
7. Discuss the Newton's Laws of motion.
8. What do you mean by absolute length, absolute time and absolute space.

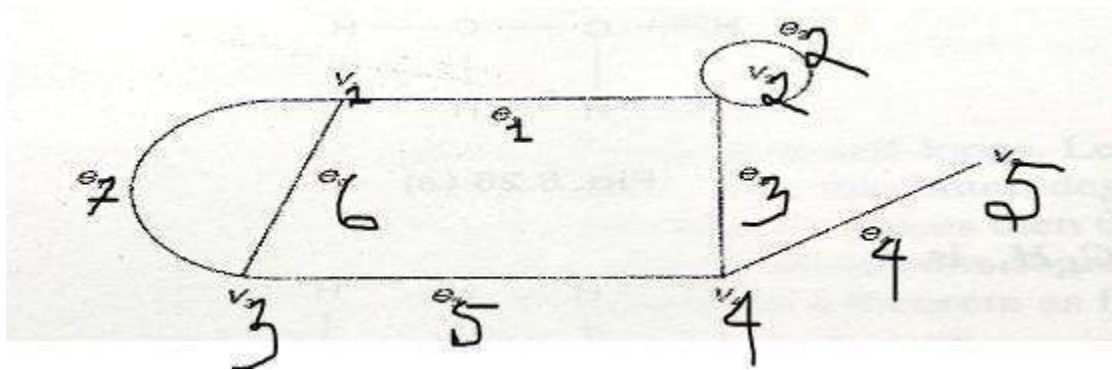
## Questions 2023 Internal (SEM-IV)

### SEM-IV(H) [CC09]

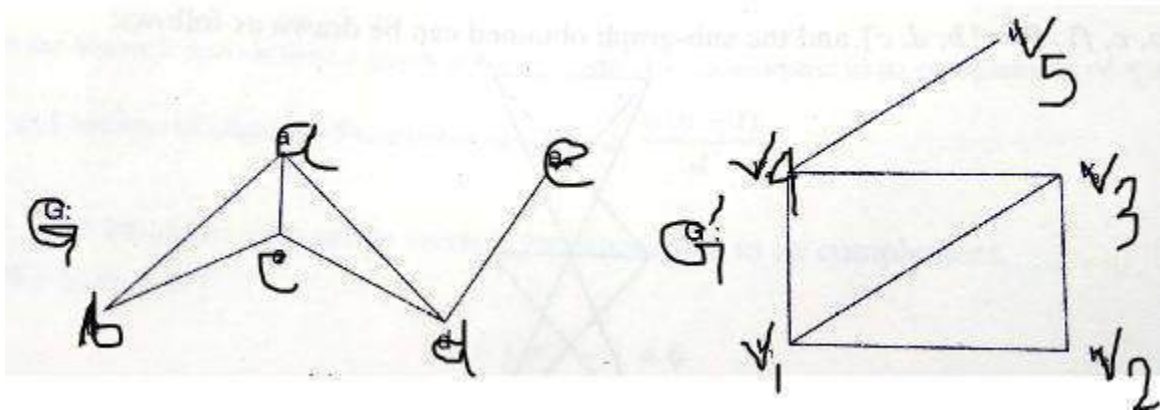
1. Prove that  $\vec{\nabla} \times (\vec{\nabla} \times \vec{f}) = \vec{\nabla}(\vec{\nabla} \cdot \vec{f}) - \nabla^2 \vec{f}$
2. Prove that "A vector field is conservative if and only if it is irrotational."
3. Find the work done by the force  $\vec{F} = 2xy\hat{i} - 4z\hat{j} + 5x\hat{k}$  along the curve  $x = t^2, y = 2t + 1, z = t^3$  from  $t = 1$  to  $t = 2$ .
4. Show that  $\iint_S \vec{r} \cdot \hat{n} dS = 4\pi a^3$ , where  $S$  is the surface of the sphere  $x^2 + y^2 + z^2 = a^2$ ,  $\hat{n}$  is the unit outward normal to  $S$ .
5. If  $\vec{F} = (2x^2 - 3z)\hat{i} - 2xy\hat{j} - 4x\hat{k}$  then evaluate  $\iiint_V \vec{\nabla} \cdot \vec{F} dV$ , where  $V$  is the volume of the region bounded by the plane  $x = 0, y = 0, z = 0, 2x + 2y + z = 4$ .

### SEM-IV(H) [SEC-21]

1. For the graph shown in given figure, verify  $\sum \deg(v_i) = 2|E|$



2. If  $G$  is a graph with  $n$  points and  $\delta(G) \geq \frac{n-1}{2}$  then  $G$  is connected.
3. Show that a simple graph of order 4 and size 7 does not exist.
4. Show that the graphs  $G$  and  $G^*$  (in given figure) are isomorphic.



**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-VI (General) Internal Assessment, 2023**  
**Subject : Mathematics**

Time : 30 Minutes

Full Marks : 10

Paper- DSE-1B1

Answer any two questions-

[2x5=10]

1. Solve the equation  $x^3 - 9x + 1 = 0$  for the root lying between 2 and 3 by method of bisection, correct to 3-significant figures.
2. Find the root of  $x^3 - 8x - 4 = 0$ , which between 3 and 4, by Newton-Raphson Method, correct to four decimal places.
3. Write down the convergence criterion for Newton-Raphson Method.
4. Using Lagrange's interpolation, find a cubic polynomial  $y(x)$  which takes the following data, and hence calculate  $y(10)$ .

x	5	6	9	11
y(x)	12	13	14	16

**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-II (Honours) Internal Assessment, 2022**  
**Subject : Mathematics**

**Time: 30 Minutes**

**Full Marks: 10**

**Course- BMH2CC03**

**Answer any five questions-**

**[2x5=10]**

1. Define Supremum and Infimum of a subset of  $\mathbb{R}$ . Find  $\text{Sup } A$  and  $\text{Inf } A$ , where  $A = \{x \in \mathbb{R} : 3x^2 + 8x - 3 < 0\}$ .
2. State and prove Archimedian property of  $\mathbb{R}$ .
3. Define open set in  $\mathbb{R}$ . Prove that an arbitrary union of open sets is open. Is the arbitrary intersection of open sets is open? Justify your answer.
4. Two sequence  $\{x_n\}, \{y_n\}$  are defined as  $x_{n+1} = \frac{1}{2}(x_n + y_n)$ ,  $y_{n+1} = \sqrt{x_n y_n}$  and  $x_1, y_1 > 0$ . Prove that both are converges to same limit.
5. If  $\{x_n\}$  be a sequence with  $x_n \rightarrow x$  and  $m < x_n < M \forall n \in N, m, M$  are two constants then show that  $m < x < M$ .
6. Test the convergence or divergence of the series  $\sum_{n=1}^{\infty} \left(\frac{1}{n}\right)^{\frac{1}{n}}$ .
7. Using Cauchy's general principle of convergence test the convergence of the series  $\sum_{n=1}^{\infty} \frac{1}{n^2}$ .
8. Test the convergence of the series  $1 + \frac{x^2}{2} + \frac{x^4}{4} + \frac{x^6}{6} + \dots$  for all positive values of  $x$ .

**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-II (Honours) Internal Assessment, 2022**  
**Subject : Mathematics**

**Time: 30 Minutes**

**Full Marks: 10**

**Course- BMH2CC04**

**Answer any five questions-**

**[2x5=10]**

1. Solve the equations  $\frac{dx}{dt} = -\omega y$  and  $\frac{dy}{dt} = \omega x$  and show that the point  $(x, y)$  lies on a circle.
2. Solve the simultaneous equation:  $\frac{dx}{dt} = y + z$ ,  $\frac{dy}{dt} = z + x$ ,  $\frac{dz}{dt} = x + y$
3. Define ordinary point and singular point of the differential equation.
4. Locate and classify the singular points of the equation:  
$$x^3(x-1)\frac{d^2y}{dx^2} - 3(x-1)\frac{dy}{dx} + 5xy = 0.$$
5. Show that  $\vec{a} \times \vec{b}$ ,  $\vec{b} \times \vec{c}$ ,  $\vec{c} \times \vec{a}$  will be coplanar iff  $\vec{a}$ ,  $\vec{b}$ ,  $\vec{c}$  are coplanar.
6. Show that the points with position vectors  $2\hat{i} - 3\hat{j} + \hat{k}$ ,  $3\hat{i} + 2\hat{j} - 5\hat{k}$ ,  $\hat{i} + 4\hat{j} + 7\hat{k}$ ,  $2\hat{i} + \hat{j} + \hat{k}$  are coplanar.
7. Prove that  $[\vec{\beta} \vec{\gamma} \vec{\delta}]\vec{a} - [\vec{\alpha} \vec{\gamma} \vec{\delta}]\vec{\beta} + [\vec{\alpha} \vec{\beta} \vec{\delta}]\vec{\gamma} - [\vec{\alpha} \vec{\beta} \vec{\gamma}]\vec{\delta} = \vec{0}$ .
8. Solve the equation  $p\vec{x} + \vec{x}(\vec{x} \cdot \vec{b}) = \vec{a} \times \vec{b} + \vec{c}$ .



**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-II (General/Generic) Internal Assessment, 2022**  
**Subject : Mathematics**

**Time : 2 days**

**Full Marks : 10**

**Paper-BMG2CC1B/GE-2**

**Answer any two questions-**

**[5x2=10]**

1. Solve,  $\frac{d^3y}{dx^3} + 3\frac{d^2y}{dx^2} + 2\frac{dy}{dx} = x^2$ .

2. Solve by Lagrange's method:  $(mz - ny)p + (nx - lz)q = ly - mx$ .

3. Find a partial differential equation by eliminating  $a, b, c$  from  $\frac{x^2}{a^2} + \frac{y^2}{b^2} + \frac{z^2}{c^2} = 1$ .

4. Solve  $(x^2 + y^2 + 4)xdx + (x^2 - y^2 + 9)ydy = 0$ .

**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-IV (General/Generic) Internal Assessment, 2022**

**Subject : Mathematics**

**Time : 2 days**

**Full Marks : 10**

**Paper: CC1D/GE-4**

**Answer any two questions-**

**[5x2=10]**

1. (a) Prove that in a group identity element is unique.

(b) Show that in a group  $(G, o)$ ,  $(aob)^{-1} = b^{-1}oa^{-1}$  for all  $a, b \in G$ . [2+3]

2. Define cyclic groups. Prove that every cyclic group is Abelian. Give example of a group which is Abelian but not cyclic.

3. Determine whether  $H$  is a subgroup of the group  $G$  or not?  $H = Z^+$  (the set of all +ve integers),  $G = Q^*$  (the group of all nonzero rational numbers under multiplication).

4. Show that  $(Z, +, \cdot)$  is a commutative ring with unity.

**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-IV (SEC) Internal Assessment, 2022**

**Subject : Mathematics**

**Time : 2 days**

**Full Marks : 10**

**Paper- SEC21 (Only For Math General Students')**

**Answer any two questions-**

**[5x2=10]**

1. If  $\vec{F}(t) = t^2\hat{i} - t\hat{j} + (2t + 1)\hat{k}$ , find  $\frac{d\vec{F}}{dt}$ ,  $\frac{d^2\vec{F}}{dt^2}$ ,  $\frac{d^3\vec{F}}{dt^3}$ ,  $\left|\frac{d\vec{F}}{dt}\right|$  and  $\left|\frac{d^3\vec{F}}{dt^3}\right|$  at  $t = 0$ .

2. Find a unit vector normal to the surface

$$x^3 + y^3 + 3xyz = 3 \text{ at the point } (1, 2, -1).$$

3. Find the directional derivative of  $f(x, y, z) = x^2yz + 4xz^2$  at the point  $(1, -2, -1)$  in the direction of the vector  $2\hat{i} - \hat{j} - 2\hat{k}$ .

4. Prove that, if  $\vec{f}$  is differentiable vector function at  $t_0$  then it is continuous there but the converse is not true.

**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-IV (Honours) Internal Assessment, 2022**  
**Subject : Mathematics**

**Time : 30 Minutes**

**Full Marks : 10**

**Paper- CC08**

**Answer any five questions-**

**[2x5=10]**

1. Define uniform convergence of a sequence of functions. Show that the sequence of functions  $\{f_n\}$ , where  $f_n(x) = x^n$  is uniformly convergent on  $[0, a]$ , where  $0 < a < 1$ .
2. Let  $D \subset R$  and for each and for each  $n \in N$ ,  $f_n: D \rightarrow R$  is continuous on D. If the sequence  $\{f_n\}$  be uniformly convergent on D to a function  $f$ , then prove that,  $f$  is continuous on D.
3. A sequence of functions  $\{f_n\}$  is defined by  $f_n(x) = \frac{nx}{1+n^2x^2}$ ;  $0 \leq x \leq 1$ . Show that the sequence  $\{f_n\}$  is not uniformly convergent on  $[0, 1]$ .
4. Define linear span of a non-empty subset S of a vector space V over a field F. Prove that linear span of S is the smallest subspace of V containing S.
5.  $f(x) = x[2x]$ ,  $x \in [0,2]$ . Show that,  $f$  is integrable on  $[0,2]$  and evaluate  $\int_0^2 x[2x]dx$ .
6. Verify Second Mean Value theorem of Bonnet's form on  $[0,1]$  for  $f(x) = x$ ,  $g(x) = \frac{1}{1+x^2}$ .
7. Examine the convergence of  $\int_0^1 \frac{dx}{\sqrt{x(1+x)}}$ .
8. Find out the value of  $\int_0^{\frac{\pi}{2}} \sin^9\theta \cos^7\theta d\theta$ .

**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-IV (Honours) Internal Assessment, 2022**  
**Subject : Mathematics**

**Time : 30 Minutes**

**Full Marks : 10**

**Paper- CC09**

**Answer any five questions-**

**[2x5=10]**

1. 1. Prove that  $\lim_{\substack{x \rightarrow 0 \\ y \rightarrow 0}} \frac{xy}{x^2+y^2}$  does not exist.
2. Verify that the double limit  $\lim_{\substack{x \rightarrow 0 \\ y \rightarrow 0}} \frac{x+y}{x-y}$  does not exist. But both repeated limits exist.
3. Prove that the function  $f(x, y) = \begin{cases} \frac{xy}{\sqrt{x^2+y^2}}, & (x, y) \neq (0,0) \\ 0, & (x, y) = (0,0); \end{cases}$  is continuous at  $(0,0)$ .
4. Prove that  $\vec{\nabla} \times (\vec{\nabla} \times \vec{f}) = \vec{\nabla}(\vec{\nabla} \cdot \vec{f}) - \nabla^2 \vec{f}$
5. Prove that "A vector field is conservative if and only if it is irrotational."
6. Find the work done by the force  $\vec{F} = 2xy\hat{i} - 4z\hat{j} + 5x\hat{k}$  along the curve  $x = t^2, y = 2t + 1, z = t^3$  from  $t = 1$  to  $t = 2$ .
7. Show that  $\iint_S \vec{r} \cdot \hat{n} dS = 4\pi a^3$ , where S is the surface of the sphere  $x^2 + y^2 + z^2 = a^2$ ,  $\hat{n}$  is the unit outward normal to S.
8. If  $\vec{F} = (2x^2 - 3z)\hat{i} - 2xy\hat{j} - 4x\hat{k}$  then evaluate  $\iiint_V \vec{\nabla} \cdot \vec{F} dV$ , where V is the volume of the region bounded by the plane  $x = 0, y = 0, z = 0, 2x + 2y + z = 4$ .

**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-IV (Honours) Internal Assessment, 2022**  
**Subject : Mathematics**

**Time : 30 Minutes**

**Full Marks : 10**

**Paper- CC10**

**Answer any five questions-**

**[2x5=10]**

1. If  $a$  be a divisor of zero in the ring  $R$  with unity, show that  $a$  is not a unit in  $R$ .
2. Let  $R$  be a ring with unity and  $(xy)^2 = x^2y^2 \quad \forall x, y \in R$ . Show that  $R$  is commutative ring.
3.  $R$  is a ring and if  $a^2 = a, \quad \forall a \in R$ , prove that  $R$  is commutative ring.
4. In the ring  $(Z_n, +, \cdot)$ , show that an element  $\bar{a}$  is a unit if and only if  $\gcd(a, n) = 1$ .
5. Find all subrings of the ring  $Z_{15}$ .
6.  $D$  is an integral domain and  $a, b \in D$ . If  $a^m = b^m$  and  $a^n = b^n$ , where  $m, n$  are positive integers relatively prime, prove that  $a = b$ .
7. Prove that a finite integral domain is a field.
8. Prove that the set  $S = \{a + b\omega : a, b \in R\}$  where  $\omega$  is an imaginary cube root of unity, is a sub-field of the field  $C$  of complex numbers.

**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-VI (Honours) Internal Assessment, 2022**  
**Subject : Mathematics**

**Time : 30 Minutes**

**Full Marks : 10**

**Paper- DSE-4**

**Answer any five questions-**

**[2x5=10]**

1. Show that the surface of separation of two immiscible liquid in equilibrium under gravity is a horizontal plane.
2. Determine a necessary and sufficient condition of equilibrium for maintaining a fluid under a given system of forces.
3. A given volume  $V$  of a heavy liquid is acted upon by forces  $-\mu x, -\mu y, -\mu z$ ; find the equation to the free surface.
4. A thin uniform rod of weight  $W$  is loaded at one end with a weight  $P$  of negligible volume. If the rod floats at any inclination with  $\frac{1}{n}$  th of its length out of the water, prove that  $(n - 1)P = W$ .
5. What do you mean by Inertial Frame of reference. Define and derive Galilean Transformations.
6. Discuss the limitations of Newton's Laws of motion.
7. State and prove Lagrange's theorem for holonomic system (or for a finite forces) or for a internal forces.
8. For a dynamical system Lagrangian is given by  $L = \frac{1}{2}(\dot{x}^2 + \dot{y}^2 + \dot{z}^2) - V(x, y, z) + A\dot{x} + B\dot{y} + C\dot{z}$  where  $A, B, C$  are functions of  $(x, y, z)$ . Show that Lagrange's equations of motion are  $\ddot{x} + \dot{y}\left(\frac{\partial A}{\partial y} - \frac{\partial B}{\partial x}\right) + \dot{z}\left(\frac{\partial A}{\partial z} - \frac{\partial C}{\partial x}\right) + \frac{\partial V}{\partial x} = 0$  and similar ones.



**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-IV (SEC) Internal Assessment, 2022**  
**Subject : Mathematics**

Time : 2 days

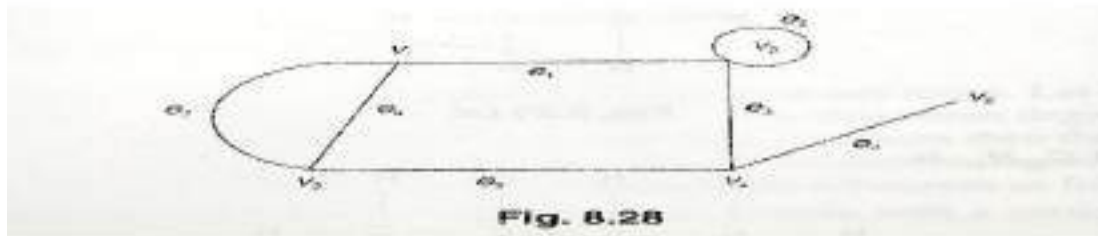
Full Marks : 10

Paper - SEC21

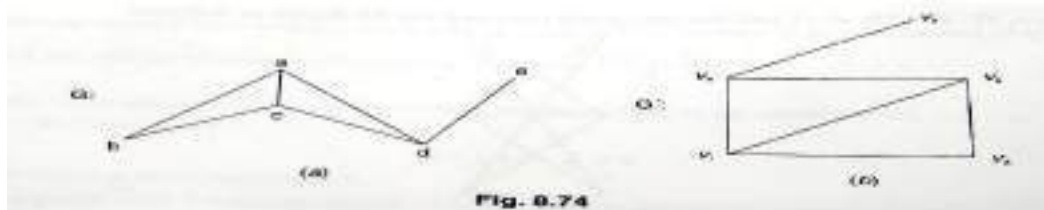
Answer any two questions-

[5x2=10]

1. For the graph shown in Fig. 8.28. Verify  $\sum \deg(v_i) = 2|E|$



2. If  $G$  is a graph with  $n$  points and  $\delta(G) \geq \frac{n-1}{2}$  then  $G$  is connected.
3. Show that a simple graph of order 4 and size 7 does not exist.
4. Show that the graphs  $G$  and  $G^*$  (in Fig. 8.74) are isomorphic.



**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-VI (Honours) Internal Assessment, 2022**  
**Subject : Mathematics**

**Time : 30 Minutes**

**Full Marks : 10**

**Paper- CC13**

**Answer any five questions-**

**[2x5=10]**

1. Define boundedness of a sequence in a metric space. Prove that a convergent sequence in a metric space is bounded.
2. Prove that a Cauchy sequence in a metric space is convergent iff it has a convergent subsequence.
3. State Cantor's intersection theorem and prove the necessary part only.
4. Define continuity of a function from one metric space to another. Show that every function from a discrete metric space to any metric space is continuous.
5. Define parallel sequences. Prove that a function from one metric space to another is uniformly continuous if and only if it preserves parallel sequences.
6. For a regular function  $f(z)$ , prove that,  $\left(\frac{\partial^2}{\partial x^2} + \frac{\partial^2}{\partial y^2}\right)|f(z)|^2 = 4|f'(z)|^2$ .
7. Determine analytic function where real part is  $x^3 - 3xy^2 + 3x^2 - 3y^2 + 1$ .
8. Find value of  $m$  for which the function  $f(x) = 2x - x^2 + my^2$  may be harmonic.

**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-VI (Honours) Internal Assessment, 2022**  
**Subject : Mathematics**

**Time : 30 Minutes**

**Full Marks : 10**

**Paper- CC14**

**Answer any five questions-**

**[2x5=10]**

1. Find the units in the Integral domain  $Z[\sqrt{-2}]$
2. Is there any proper divisor of  $(1 + i)$  in the integral domain  $Z[i]$ ? Justify your answer. Write down all divisors of  $(1 + i)$ .
3. Find all units of the polynomial ring  $Z_7[x]$  and then find all associates of  $(x^2 + \bar{2})$  in  $Z_7[x]$ .
4. Prove that in an integral domain, every prime element is irreducible.
5. In the integral domain  $Z[i\sqrt{5}] = \{a + b\sqrt{5}i : a, b \in Z\}$ , show that 3 is not prime element.
6. Prove that a field  $F$  is a principal ideal domain.
7. Show that  $f(x) = x^6 + x^3 + 1 \in Z[x]$  is irreducible polynomial over  $Q$ .
8. In the ring  $Z_8[x]$ , show that  $\bar{1} + \bar{2}x$  is a unit.

**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-VI (General) Internal Assessment, 2022**  
**Subject : Mathematics**

**Time : 2 days**

**Full Marks : 10**

**Paper- DSE1B1**

**Answer any two questions.**

**[5 x 2=10]**

1. Write down the approximate representation of  $\frac{2}{3}$  correct to four significant figures and then find (a) Absolute error, (b) Relative error, (c) Relative percentage error.
2. Using Lagrange's interpolation, find a cubic polynomial  $y(x)$  which takes the following data, and hence calculate  $y(10)$ .

x	5	6	9	11
y(x)	12	13	14	16

3. Solve the equation  $x^3 - 9x + 1 = 0$  for the root lying between 2 and 3 by method of bisection, correct to 3-significant figures.
4. Find the root of  $x^3 - 8x - 4 = 0$ , which between 3 and 4, by Newton-Raphson Method, correct to four decimal places.

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**B.A./ B.Sc., Sem-VI (General) Internal Assessment, 2022**  
**Subject : Mathematics**

Time : 2 days

Full Marks : 10

Paper- BMG6SEC42

Answer any two questions.

[5 x 2=10]

1. Using dominance property reduce the following payoff matrix to  $2 \times 2$  matrix and hence solve the problem:

		Player B			
		B <sub>1</sub>	B <sub>2</sub>	B <sub>3</sub>	B <sub>4</sub>
Player A	A <sub>1</sub>	1	2	-2	2
	A <sub>2</sub>	3	1	2	3
	A <sub>3</sub>	-1	3	2	1
	A <sub>4</sub>	-2	2	0	-3

2. Find the basic feasible solution of the following Transportation Problem by North-West corner rule:

		Destinations					
		2	11	10	3	7	a <sub>i</sub>
origins	1	2	11	10	3	7	4
	2	1	4	7	2	1	8
	3	3	9	4	8	12	9
		b <sub>j</sub>	3	3	4	5	6

3. Find the minimum cost solution for the  $4 \times 4$  assignment problem whose cost coefficients are as given below:

	I	II	III	IV
1	4	5	3	2
2	1	4	-2	3
3	4	2	1	-5



**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-I (General) Internal Assessment, 2021**

**Subject : Mathematics**

**Time : 3 Days**

**(Home Assignment)**

**Full Marks : 10**

**Paper- CC1A/GE-1**

**Answer any two questions-**

**[5x2]**

1. Show that  $\lim_{x \rightarrow 0} \cos \frac{1}{x}$  does not exist.
2. If  $f(x) = (x - a)^m (x - b)^n$  where  $m$  and  $n$  are positive integers, show that  $c$  in Rolle's theorem divide the segment  $a \leq x \leq b$  in the ratio  $m : n$ .
3. Find the radius of curvature of the parabola  $y^2 = 16x$  at the end of its latus rectum.
4. Expand  $f(x) = \log_e(1 + x)$ ,  $0 \leq x \leq 1$  into Maclaurin's infinite series.

**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-I (Honours) Internal Assessment, 2021**  
**Subject : Mathematics**

**Time : 2 days**

**Full Marks : 10**

**Paper- CC01**

**Answer any five questions-**

**[5x2=10]**

1. Find the asymptotes of the curve  $x = \frac{t^2+1}{t^2-1}, y = \frac{t^2}{t-1}$ .
2. Find the range of values of x for which  $y = x^4 - 6x^3 + 12x^2 + 5x + 7$  is concave upwards or downwards.
3. Obtain the differential equation of all circles each of which touches the axis of X at the origin.
4. Solve:  $(xysinxy + cosxy)ydx + (xysinxy - cosxy)x dy = 0$ .
5. If  $ax + by$  transforms to  $a'x' + b'y'$  under rotation of axes then show that  $a^2 + b^2 = a'^2 + b'^2$ .
6. Discuss the nature of the conic  $4x^2 - 4xy + y^2 - 8x - 6y + 5 = 0$ .
7. Show that  $\int_0^{\infty} e^{-x} x^n dx = n!$
8. Find the length of the loop of the curve  $x = t^2, y = t - \frac{1}{3}t^3$ , t being the parameter.

**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-I (Honours) Internal Assessment, 2021**  
**Subject : Mathematics**

**Time : 2 days**

**Full Marks : 10**

**Paper- CC02**

**Answer any five questions-**

**[5x2=10]**

1. If  $n$  is an odd integer, prove that  $32/(n^2 + 3)(n^2 + 7)$ .
2. Prove that  $a^{37} \equiv a \pmod{1729}$  for any integer  $a$ .
3. Show that the vectors  $\{(1,2,2), (2,1,2), (2,2,1)\}$  is linearly independent in  $R^3$ .
4. Find a basis and the dimension of the subspace  $W$  of  $\mathbb{R}^3$ , where  $W = \{(x, y, z) \in \mathbb{R}^3 : x + y + z = 0\}$ .
5. Apply elementary row operations to reduce the following matrix to a row echelon matrix

$$\begin{pmatrix} 2 & 0 & 4 & 2 \\ 3 & 2 & 6 & 5 \\ 5 & 2 & 10 & 7 \\ 0 & 3 & 2 & 5 \end{pmatrix}$$

6. Determine the rank of the matrix  $A = \begin{pmatrix} 1 & 2 & 1 & 0 \\ 2 & 4 & 8 & 6 \\ 3 & 6 & 6 & 3 \end{pmatrix}$ .
7. Find the product of all the value of  $(1 + i)^{\frac{4}{5}}$ .
8. Find all complex numbers  $z$  such that,  $\exp z = 1 + \sqrt{3}i$ .

**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-II (General/Generic) Internal Assessment, 2021**  
**Subject : Mathematics**

**Time : 2 days**

**Full Marks : 10**

**Paper-BMG2CC1B/GE-2**

**Answer any two questions-**

**[5x2=10]**

1. Solve,  $\frac{d^3y}{dx^3} + 3\frac{d^2y}{dx^2} + 2\frac{dy}{dx} = x^2$ .

2. Solve by Lagrange's method:  $(mz - ny)p + (nx - lz)q = ly - mx$ .

3. Form the partial differential equation by eliminating arbitrary functions  $f$  and  $g$  from

$$z = f(x^2 - y) + g(x^2 + y).$$

**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-II (Honours) Internal Assessment, 2021**  
**Subject : Mathematics**

**Time: 2 days**

**Full Marks : 10**

**Course- BMH2CC03**

**Answer any two questions-**

**[5x2=10]**

1. Let  $S = \left\{ (-1)^m + \frac{1}{n} : m \in \mathbb{N}, n \in \mathbb{N} \right\}$ . Find the derived set of  $S$ .
2. Let  $u > 0, v > 0$ , and  $u_1 = \frac{1}{2}(u + v), v_1 = \sqrt{uv}$ .  $u_{n+1} = \frac{1}{2}(u_n + v_n), v_{n+1} = \sqrt{u_n v_n}$ , for  $n > 2$ . Then show that  $\{u_n\}$  and  $\{v_n\}$  converge to a common limit.
3. Test the convergence of the series :

(i)  $\frac{1}{2^2} + \frac{\sqrt{2}}{3^2} + \frac{\sqrt{3}}{4^2} + \dots$       (ii)  $\left(\frac{3}{5}\right)^2 x + \left(\frac{3}{5} \cdot \frac{4}{7}\right)^2 x^2 + \left(\frac{3}{5} \cdot \frac{4}{7} \cdot \frac{5}{9}\right)^2 x^3 + \dots$



**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-II (Honours) Internal Assessment, 2021**  
**Subject : Mathematics**

**Time: 2 days**

**Full Marks : 10**

**Course- BMH2CC04**

**Answer any two questions-**

**[5x2=10]**

1. Solve the simultaneous equation:

$$\frac{dx}{dt} = y + z, \quad \frac{dy}{dt} = z + x, \quad \frac{dz}{dt} = x + y$$

2. Find the power series solution of the equation  $(x^2 + 1)y'' + xy' - xy = 0$  in powers of  $x$ .

3. Show that the points with position vectors  $2\hat{i} - 3\hat{j} + \hat{k}$ ,  $3\hat{i} + 2\hat{j} - 5\hat{k}$ ,  $\hat{i} + 4\hat{j} + 7\hat{k}$ ,  $2\hat{i} + \hat{j} + \hat{k}$  are coplanar.

**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-III (General) Internal Assessment, 2021**

**Subject: Mathematics**

**Time : 3 Days**

**(Home Assignment)**

**Full Marks : 10**

**Paper- CC1C/GE-3**

**Answer any two questions-**

**[5x2]**

1. Define closed set. Prove that arbitrary intersection of closed sets in  $\mathbb{R}$  is closed. Is arbitrary union of closed sets in  $\mathbb{R}$  is closed? Justify your answer.
2. Show that the sequence  $\{f_n\}$ , where  $f_n(x) = \tan^{-1} nx, x \geq 0$  is uniformly convergent in any interval  $[a, b], a > 0$ , but is only pointwise convergent in  $[0, b]$ .
3. Show that  $\left\{\left(1 + \frac{1}{n}\right)^n\right\}_n$  converges.
4. Show that the series,  $\frac{1}{1.2} + \frac{1}{2.3} + \frac{1}{3.4} + \dots$  is convergent.

**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-III (General) Internal Assessment, 2021**

**Subject: Mathematics**

**Time : 3 Days**

**(Home Assignment)**

**Full Marks : 10**

**Paper- SEC-1 (General)**

**Answer any two questions-**

**[5x2]**

1. Let  $A, B, C$  be three sets. Prove that  $A \times (B \cup C) = (A \times B) \cup (A \times C)$ .
2. Determine the nature of the relation  $\rho$  on the set  $Z$ , where  $a\rho b$  if and only if  $a \in Z, b \in Z$  and  $(a^2 + b^2)$  is a multiple of 2.
3. Verify  $p \vee q \equiv (p \downarrow q) \downarrow (p \downarrow q)$ .
4. Prove that the logical equivalence  $[(\sim p \vee q) \wedge (p \wedge (p \wedge q))] \Leftrightarrow (p \wedge q)$ .

**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-III (Honours) Internal Assessment, 2021**  
**Subject : Mathematics**

**Time : 2 days**

**Full Marks : 10**

**Paper- CC05**

**Answer any five questions-**

**[5x2=10]**

1. State Cauchy's Principle for existence form limit and prove the necessary part only.
2. Prove that a continuous function over a closed and bounded interval is uniformly continuous.
3. Show that the set of all real valued continuous functions over a closed interval forms a metric space.
4. On the set  $R^2$ , show that  $d(x, y) = \max\{|x_1 - y_1|, |x_2 - y_2|\}$ ,  $x = (x_1, x_2), y = (y_1, y_2) \in R^2$  is a metric.
5. In Cauchy's MVT, for the functions  $\varphi(x) = e^x$ ,  $f(x) = e^{-x}$ . Show that,  $c$  is the arithmetic mean between  $a$  and  $b$ .
6. Use Taylor's theorem to prove that,  $1 + \frac{x}{2} - \frac{x^3}{8} < \sqrt{1+x} < 1 + \frac{x}{2}$  (if  $x > 0$ ).
7. Use Taylor's theorem to the function  $f(x) = e^x, x \in R$  to prove that  $e$  is irrational.
8. Suppose  $\varphi: [1,3] \rightarrow R$  is a continuous function and differentiable in  $(1,3)$ .  
Let  $\varphi'(x) = |\varphi(x)|^2 + 4 \forall x \in (1,3)$ . Examine whether the statement  $\varphi(3) - \varphi(1) = 5$  is true or false?

**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-III (Honours) Internal Assessment, 2021**  
**Subject : Mathematics**

**Time : 2 days**

**Full Marks : 10**

**Paper- CC06**

**Answer any five questions-**

**[5x2=10]**

1. Let  $G$  be a finite group containing finite number of elements. Prove that there exists at least one element  $a$  other than the identity element  $e$  in  $G$  such that  $a \circ a = e$  holds.
2. Let  $(G, \circ)$  be a group and  $a, b \in G$ . If  $o(a) = 3$  and  $a \circ b \circ a^{-1} = b^2$ , find  $o(b)$  if  $b \neq e$ .
3. Let  $(G, \circ)$  be an abelian group and  $n$  be a fixed positive integer. Let  $H = \{a^n : a \in G\}$ . Prove that  $(H, \circ)$  is a sub group of  $(G, \circ)$ .
4. If an abelian group  $G$  of order 10 contains an element of order 5, prove that  $G$  must be a cyclic group.
5. Let  $G$  is a cyclic group of order 30 generated by  $a$ . Find the sub group  $H$  of order 6. Also find the generators of  $H$ .
6. Prove that the order of each element in a finite group  $G$  is a divisor of the order of  $G$ .
7. Prove that a group of order 27 must have a sub group of order 3.
8. Find all sub-groups of the group  $(Z_{10}, +)$ .



**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-III (Honours) Internal Assessment, 2021**  
**Subject : Mathematics**

**Time : 2 days**

**Full Marks : 10**

**Paper- CC07**

**Answer any five questions-**

**[5x2=10]**

1. Write down the approximate representation of  $\frac{2}{3}$  correct to four significant figures and then find (a) Absolute error, (b) Relative error, (c) Relative percentage error.
2. If  $y = 4x^6 - 5x$ , find the percentage error in  $y$  at  $x = 1$ , if the error in  $x = 0.04$ .
3. Deduced Newton's iterative formula for finding q-th root of a positive real number R.
4. Find the condition for convergence of Newton-Raphson Method.
5. Prove that  $E \equiv \Delta + 1$ .
6. Evaluate  $\int_{-1}^0 xe^x dx$  using the trapezoidal rule, taking  $n = 6$ .
7. Using the Runge-Kutta method of fourth order to calculate  $y(0.2)$  for the equation  $\frac{dy}{dx} = -xy, y(0) = 1$ .
8. Apply Lagrange's interpolation formula to find  $f(x)$  at  $x = 5$  using the following table

$x$	1	2	3	4	7
$f(x)$	2	4	8	16	128

**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-III (Honours) Internal Assessment, 2021**  
**Subject : Mathematics**

**Time : 2 days**

**Full Marks : 10**

**Paper-SEC-1**

**Answer any five questions-**

**[5x2=10]**

1. Let  $A, B, C$  be three sets. Prove that  $A \times (B \cup C) = (A \times B) \cup (A \times C)$ .
2. Determine the nature of the relation  $\rho$  on the set  $Z$ , where  $a\rho b$  if and only if  $a \in Z, b \in Z$  and  $(a^2 + b^2)$  is a multiple of 2.
3. Verify  $p \vee q \equiv (p \downarrow q) \downarrow (p \downarrow q)$ .
4. Prove that the logical equivalence  $[(\sim p \vee q) \wedge (p \wedge (p \wedge q))] \Leftrightarrow (p \wedge q)$ .
5. Construct a truth table for the conjunction of " $n > 3$ " and " $n < 10$ " when  $n \in N$ .
6. Find the truth table for  $p \wedge (q \vee r)$ .
7. Show that  $p \wedge q \rightarrow p$  is tautology.
8. Show that  $(\sim p \wedge (\sim q \wedge r) \vee (q \wedge r) \vee (p \wedge r)) \Leftrightarrow r$ .

**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-I (Honours) Internal Assessment (C1), 2018**  
**Subject : Mathematics**

**Time : 30 Minutes**

**Paper- CC01**

**Full Marks : 5**

**Answer any five questions-**

**[1x5]**

1. What does the equation  $y^2 - y = 0$  become when the axes are transform to parallel axes through point(0,1)?
2. Determine the nature of the conic  $2x^2 - 3xy - 2y^2 + 7x - 9y = 0$ .
3. Show that the equation  $(x^2y - 2xy^2)dx + (3x^2y - x^3)dy = 0$  is not exact. Find an integrating factor which can reduce the equation to an exact equation.
4. Solve:  $\frac{dy}{dx} - \frac{3}{x+2}y = (x+2)^3$ .
5. If  $I_n = \int \sin^n x dx$ , show that  $I_n = -\frac{\sin^{n-1}x \cos x}{n} + \frac{n-1}{n}I_{n-2}$ .
6. If  $J_n = \int_{\frac{\pi}{2}}^{\pi} \cot^n x dx$ , show that  $J_n = -\frac{1}{n-1} - J_{n-2}$ .
7. Derive the formula  $\cosh(x+y) = \cosh x \cdot \cosh y + \sinh x \cdot \sinh y$ .
8. if  $y = \sin kx + \cos kx$ , prove that  $y_n = k^n \{1 + (-1)^n \cdot \sin 2kx\}^{1/2}$ .

**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-I (Honours) Internal Assessment (C1), 2018**  
**Subject : Mathematics**

**Time : 30 Minutes**

**Paper- CC02**

**Full Marks : 5**

**Answer any five questions-**

**[1x5]**

1. Define vector spaces. Give an example.
2. Prove that in a vector space  $V$  over a field  $F$ ,  $c \cdot \alpha = \theta \Rightarrow$  either  $c = 0$  or  $\alpha = \theta$ .
3. Prove that intersection of two equivalence relations is an equivalence relation.
4. Let  $\rho = \{(a, b) \in \mathbb{Z} \times \mathbb{Z} : a - b \text{ is a multiple of six}\}$ . Is  $\rho$  an equivalence relation on  $\mathbb{Z}$ ? Justify your answer.
5. A relation  $\rho$  defined on  $\mathbb{Z}$  by " $x\rho y$  iff  $x^2 - y^2$  is divisible by 5" is an equivalence relation. Find all distinct equivalence classes.
6. Find the value of  $K$  for which the equation,  $x^3 - 9x^2 + 24x + K = 0$  may have multiple roots?
7. Show that the equation  $x^4 - 14x^2 + 24x + K = 0$  has no real root.
8. Apply Descarte's rule of signs to find the minimum number of complex roots of the equation  $x^7 - 3x^3 + x^2 = 0$ .

**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-III (Honours) Internal Assessment (C1), 2018**  
**Subject : Mathematics**

**Time : 30 Minutes**

**Paper- CC05**

**Full Marks : 5**

**Answer any five questions-**

**[1x5]**

1. Define a metric space. Give an example.
2. Show that the set of all real valued continuous functions over a closed interval forms a metric space.
3. Use sequential criterion to show that  $\lim_{x \rightarrow 0} \operatorname{sgn} x$  does not exist.
4. State Cauchy's Principle for existence for limit and prove the necessary part only.
5. If  $f'(c)$  exists, prove that  $\lim_{h \rightarrow 0} \frac{f(c+h) - f(c-h)}{2h} = f'(c)$ .
6. Prove that,  $\tan x > x$  when  $0 < x < \frac{\pi}{2}$ .
7. Verify whether Rolle's theorem is applicable for the function  $f(x) = x(x+3)e^{-\frac{x}{2}}$  in  $[-3,0]$ ?
8. Examine, whether the function,  $f(x) = \begin{cases} x \sin \frac{1}{x} & (x \neq 0) \\ 0 & (x = 0) \end{cases}$  is Derivable or not at  $x = 0$ .

**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-III (Honours) Internal Assessment (C1), 2018**  
**Subject : Mathematics**

**Time : 30 Minutes**

**Paper- CC06**

**Full Marks : 5**

**Answer any five questions-**

**[1x5]**

1. A binary composition  $*$  on  $Q$  be defined by  $a * b = 2a + b, a, b \in Q$ . Does there exist a left identity and a right identity in  $(Q, *)$ . Justify your answer.
2. If  $(G, *)$  be a group, prove that  $(a * b)^{-1} = b^{-1} * a^{-1}, \forall a, b \in G$ .
3. Prove that the set of all complex numbers of unit modulus forms a group with respect to multiplication.
4. If  $G$  be a group such that  $a^2 = e$  for all  $a \in G$ . Show that  $G$  is an abelian group.
5. If  $(G, o)$  be a finite abelian group with elements  $a_1, a_2, \dots, a_n$  and  $x = a_1 o a_2 o \dots o a_n$ . Show that  $x o x = e$ , where  $e$  is the identity element in  $G$ .
6. Let  $a$  be an element of a group  $(G, o)$  and  $o(a) = n$ . If  $a^m = e$ , then show that  $n$  is a divisor of  $m$ .
7. In a group  $(G, o), 'a'$  is an element of order 30. Find the order of  $a^{18}$ .
8. Find all elements of order 10 in the group  $(Z_{30}, +)$ .

**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-III (Honours) Internal Test, 2018**  
**Subject : Mathematics**

**Time : 30 Minutes**

**Full Marks : 5**

**Paper- CC07**

**Answer any five questions-**

**[1x5]**

1. Show that difference of a constant function is zero, i.e.,  $\Delta c = 0$ .
2. Show that  $\Delta = E - 1$ . [where  $\Delta \rightarrow$  Difference operator and  $E \rightarrow$  Shift operator]
3. Given the following table:

$x$	0	1	2	3
$f(x)$	1	2	11	34

find the value of  $f(0.5)$  using Newton's Forward Difference Interpolation Formula.

4. Compute  $f(2.0)$  using Lagrange's Interpolation Formula from the given table:

$x$	0	1	3	4
$f(x)$	5	6	50	105

5. Find the number of significant figure in  $V_A = 11.2461$  given its absolute error as  $0.25 \times 10^{-2}$ .
6. If  $y = 4x^6 - 5x$ , find the percentage error in  $y$  at  $x = 1$ , if the error in  $x = 0.04$ .
7. Find the condition for convergence of Newton-Raphson Method.
8. Write down the iteration formula for Regula-Falsi Method.



**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-III (SEC) Internal Assignment (C1), 2018**  
**Subject : Mathematics**

**Time : 3 days**

**Full Marks : 5**

**Paper- SEC11**

**Home Assignment**

**Answer any two questions-**

**[2.5x2]**

1. Use set theory to find the H.C.F. and L.C.M. of the numbers 12, 20, 140.
2. Show that,  $A \cap (B \Delta C) = (A \cap B) \Delta (A \cap C)$ .
3. Construct a Truth Table for the conjunction of " $n > 3$ " and " $n < 10$ " when  $n \in N$
4. Show that  $\sim(p \rightarrow q) \equiv (p \wedge \sim q)$

**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-I (General/Generic) Internal Assessment (C1), 2018**  
**Subject : Mathematics**

**Time : 3 days**

**Full Marks : 5**

**Home Assignment**

**Answer any two questions-**

**[2.5x2]**

1. Show that  $\lim_{x \rightarrow 0} \cos \frac{1}{x}$  does not exist.
2. If  $f(x) = (x - a)^m (x - b)^n$  where  $m$  and  $n$  are positive integers, show that  $c$  in Rolle's theorem divide the segment  $a \leq x \leq b$  in the ratio  $m:n$ .
3. Expand  $(\sin^{-1} x)^2$  in series by Maclaurin's theorem.
4. Find the Pedal equation of parabola  $y^2 = 4a(x + a)$ .

**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem -III (General/Generic) Internal Assessment (C1), 2018**  
**Subject : Mathematics**

**Time : 3 days**

**Full Marks : 5**

**Home Assignment**

**Answer any two questions-**

**[2.5x2]**

1. Let  $S$  be a non-empty bounded subset of  $R$  with  $Sup S = M$  and  $Inf S = m$ . Prove that the set  $T = \{|x - y| : x, y \in S\}$  is bounded above and  $Sup T = M - m$ .
2. Show that  $\left\{ \left(1 + \frac{1}{n}\right)^n \right\}_n$  converges.
3. Let  $f_n(x) = x^n, x \in [0,1]$ . Show that the sequence of functions  $\{f_n\}$  is not uniformly convergent on  $[0,1]$ .
4. Show that the series,  $\frac{1}{1.2} + \frac{1}{2.3} + \frac{1}{3.4} + \dots$  is convergent.

**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Part-III (Honours) 2<sup>nd</sup> Terminal Examination, 2019**  
**Subject : Mathematics**

**Time : 1 Hours**

**Full Marks : 50**

**Group A**

1. Answer any **two** questions. [1.5x2=3]
- a. Let  $R^X$  denote the set of all functions on a non empty set  $X$  to the real line  $R$  and  $f, g \in R^X$ . Let  $d(f, g) = \sup \frac{|f(x)-g(x)|}{1+|f(x)-g(x)|}$ . Show  $(R^X, d)$  is a metric space.
- b. For any subset  $A$  of  $X$ , prove that  $A^d$  is closed in  $X$ .
- c. Find  $\lim_{n \rightarrow \infty} \frac{(n+1)(n+2)(n+3)\dots 2n}{n^n}$ .
2. Answer any **three** questions. [4x3=12]
- a. Prove that a separable metric space is  $2^{\text{nd}}$  countable.
- b. State and prove Cantor's intersection theorem.
- c. Let  $(X, d_1)$  and  $(Y, d_2)$  be metric spaces and  $f : (X, d_1) \rightarrow (Y, d_2)$  be a function. Then prove that  $f$  is continuous if and only if  $V$  is open in  $Y \Rightarrow f^{-1}(V)$  is a open in  $X$ .
- d. Prove that the sequence  $\{u_n\}$  satisfying the condition  $|u_{n+2} - u_{n+1}| \leq c|u_{n+1} - u_n|$ , for all  $n \in N, 0 < c < 1$  is a Cauchy sequence.
- e. Examine the convergence of the series  $1 + \frac{2^2}{3^2} + \frac{2^2 \cdot 4^2}{3^2 \cdot 5^2} + \frac{2^2 \cdot 4^2 \cdot 6^2}{3^2 \cdot 5^2 \cdot 7^2} + \dots$

**Group B**

3. Answer any **three** questions : [5x3=15]
- a. Find the value of the constant  $k$ , so that the function  $f(x)$  is given by  $f(x) = kx(2 - x), 0 < x < 2$ ;  
 $= 0$ , elsewhere;  
 is a probability density function. Also find the distribution function and compute  $P(X > 1)$ . [1+2+2]
- b. A random variable  $X$  is uniformly distributed over the interval  $(0,2)$ . Find the distribution function of the larger root of the quadratic equation  $t^2 - 2t - X=0$ .
- c. If two numbers are independently chosen in  $(0,2)$ , show that the probability that the distance between them is less than a fixed constant  $K$  ( $0 < K < 2$ ) is  $\frac{1}{4}K(4 - K)$ .
- d.  $X$  and  $Y$  are two independent random variables each having the same pdf  $2xe^{-x^2}, 0 < x < \infty$ .  
 Find the pdf of  $\sqrt{X^2 + Y^2}$ .

**Group C**

4. Answer any **two** questions. [5x2=10]
- (i) Show that the sum of Lagrangian functions or coefficient is unity.
- (ii) Given the following table, find  $f(x)$  assuming it to be a polynomial of three degree in  $x$ .

$x:$	0	1	2	3
$f(x):$	1	2	11	34

- (iii) Calculate the value of  $\int_0^1 \frac{x}{1+x} dx$  correct upto three significant figures, taking six intervals by (a) Simpson's One-third Rule, (b) Trapezoidal Rule.

**Group D**

5. (a) Define moment of inertia of a rigid body. Find the moment of inertia of a plane lamina about a line in its plane through the origin inclined at an angle  $\theta$  to the  $x$ - axis in terms of moments and products of inertia with respect to two mutually perpendicular axes in the plane. (1+5)
- (b) Find out the momentalellipsoid at the centre of an elliptic plate. (4)

**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-II (General/Generic) Internal Assessment (C2), 2019**  
**Subject : Mathematics (CC1B/GE2)**

**Time : 3 days**

**Full Marks : 5**

**Home Assignment**

**Answer any two questions-**

**[2.5x2]**

1. Solve  $(D^2 + 4)y = \sin 2x$ .
2. Solve:  $e^{3x}(p - 1) + e^{2y}p^3 = 0$ .
3. Solve  $(y^2 + z^2 - x^2)p - 2xyq + 2zx = 0$ .
4. Solve by Charpit's method  $px + qy = pq$ .

**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-IV (General/Generic) Internal Assessment (C2), 2019**  
**Subject : Mathematics (CC1D/GE4)**

**Time : 3 days**

**Full Marks : 5**

**Home Assignment**

**Answer any two questions-**

**[2.5x2]**

1. Show that  $M_2(\mathbb{R}) = \left\{ \begin{pmatrix} 1 & 0 \\ 0 & 1 \end{pmatrix}, \begin{pmatrix} -1 & 0 \\ 0 & 1 \end{pmatrix}, \begin{pmatrix} 1 & 0 \\ 0 & -1 \end{pmatrix}, \begin{pmatrix} -1 & 0 \\ 0 & -1 \end{pmatrix} \right\}$  forms an abelian group under matrix multiplication ‘.’.
2. Show that symmetric group  $S_3$  is a non-commutative group of order six.
3. Examine whether  $H$  is a subgroup of the group  $G$  or not? Where  $H = \left\{ \frac{1+3n}{1+3m} : m, n \in \mathbb{Z} \right\}$  and  $G = \mathbb{Q}^*$  is the group of all non-zero rational numbers under multiplication.
4.  $D$  is an integral domain and  $a, b \in D$ . If  $a^5 = b^5$  and  $a^8 = b^8$ , prove that  $a = b$ .

**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-II (Honours) Internal Assessment (C2), 2019**  
**Subject : Mathematics**

**Time : 30 Minutes**

**Paper- CC03**

**Full Marks : 5**

**Answer any five questions-**

**[1x5]**

1. Let  $S = \{(-1)^m + \frac{1}{n} : m, n \in N\}$ . Prove that 1 and -1 are the limit points of S.
2. The intersection of finite number of closed sets in R is a closed set.
3. Prove that the complement of an open set in R, is a closed set.
4. Find out limit superior and limit inferior of the sequence  $\{x_n\}$ , where,  
$$x_n = (-1)^{n^3} \left(2 + \frac{3}{n} + \frac{4}{n^2}\right) + (-1)^{n^5} \left(3 + \frac{4}{n} + \frac{5}{n^2}\right).$$
5. Prove that, the sequence  $\{x_n\}$  is a Cauchy sequence, where  $x_n = \frac{n+1}{n}$ .
6. If both the sequences  $\{x_n\}$  and  $\{y_n\}$  are Cauchy sequence, then prove that  $\{x_n y_n\}$  is Cauchy sequence.
7. Apply Cauchy's integral test to test the convergence of  $\sum_2^\infty \frac{1}{n\sqrt{n^2-1}}$ .
8.  $0 < x < 1, 0 < y < 1$  and  $1 + x + x^2 + \dots = l, 1 + y + y^2 + \dots = m$ . Show that  
$$1 + xy + x^2 y^2 + \dots = \frac{lm}{l+m-1}.$$

**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-II (Honours) Internal Assessment (C2), 2019**  
**Subject : Mathematics**

**Time : 30 Minutes**

**Paper- CC04**

**Full Marks : 5**

**Answer any five questions-**

**[1x5]**

1. Solve  $\frac{dx}{dt} = y + z, \frac{dy}{dt} = z + x, \frac{dz}{dt} = x + y$ .
2. Solve  $\frac{dx}{dt} = 2y, \frac{dy}{dt} = 2z, \frac{dz}{dt} = 2x$ .
3. Solve  $\frac{yzdx}{y-z} = \frac{zxdy}{z-x} = \frac{xydz}{x-y}$ .
4. Solve  $\frac{dx}{mz-ny} = \frac{dy}{nx-lz} = \frac{dz}{ly-mx}$ .
5. Apply the method of variation of parameters to solve :  $\frac{d^2y}{dx^2} + a^2 = \cos ax$ .
6. Solve, by using the method of variation of parameters :  $\frac{d^2y}{dx^2} + \frac{1}{x} \frac{dy}{dx} - \frac{1}{x^2} y = \log_e x (x > 0)$ .
7. If  $\vec{a} \times \vec{b} + \vec{b} \times \vec{c} + \vec{c} \times \vec{a} = 0$ , show that the vectors  $\vec{a}, \vec{b}$  and  $\vec{c}$  are coplanar.
8. Prove that  $[\vec{\alpha} + \vec{\beta} \vec{\beta} + \vec{\gamma} \vec{\gamma} + \vec{\alpha}] = 2[\vec{\alpha} \vec{\beta} \vec{\gamma}]$ .



**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-IV (Honours) Internal Assessment (C2) 2019**  
**Subject : Mathematics**

**Time : 30 Minutes**

**Paper- CC08**

**Full Marks : 5**

**Answer any five questions-**

**[1x5]**

1. Prove that the series  $x^4 + \frac{x^4}{1+x^4} + \frac{x^4}{(1+x^4)^2} + \dots$ ,  $x \in [0,1]$  is not uniformly convergent on  $[0,1]$ .
2. State Weierstrass' M-test for series of functions.
3. Show that the series  $(1-x) + x(1-x) + x^2(1-x) + \dots$  is not uniformly convergent on  $[0,1]$ .
4. State Abel's Test for series of functions.
5. Show that 2<sup>nd</sup> MVT (Weierstrass form) is applicable to  $\int_a^b \frac{\sin x}{x} dx$ , where  $0 < a < b < \infty$  and  $\left| \int_a^b \frac{\sin x}{x} dx \right| < \frac{4}{a}$ .
6. Examine the convergence of the improper integral  $\int_1^\infty \frac{1}{x(1+x^2)} dx$ .
7. Prove that  $\int_0^1 \frac{1}{(1-x^n)^n} dx = \frac{\pi}{n} \operatorname{cosec} \frac{\pi}{n}$ , ( $n > 1$ ).
8. Prove that  $\Gamma\left(\frac{1}{2}\right) = \sqrt{\pi}$ .

**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-IV (Honours) Internal Assessment (C2) 2019**  
**Subject : Mathematics**

**Time : 30 Minutes**

**Paper- CC09**

**Full Marks : 5**

**Answer any five questions-**

**[1x5]**

1. If  $u = f(x, y)$  be a homogeneous function of two independent variables  $x, y$  of degree  $n$ , then prove that  $x \frac{\partial u}{\partial x} + y \frac{\partial u}{\partial y} = nu$ .
2. If  $u = \tan^{-1} \frac{x^3+y^3}{x-y}$ , then prove that  $x \frac{\partial u}{\partial x} + y \frac{\partial u}{\partial y} = \sin 2u$ .
3. Evaluate  $\iint_R xy(x^2 + y^2) dx dy$  over  $R: [0, a; 0, b]$ .
4. Evaluate  $\iint_R (x^2 + y^2) dx dy$  over  $R$  bounded by  $y = x^2, x = 2, y = 1$ .
5. If  $\vec{F} = (2y + 3)\hat{i} + xz\hat{j} + (yz - x)\hat{k}$ , evaluate the line integral  $\int_c \vec{F} \cdot d\vec{r}$  along the line joining the points  $(0,0,0)$  to  $(2,1,1)$ .
6. Prove that  $\vec{F} = (y^2 \cos x + z^3)\hat{i} + (2y \sin x - 4)\hat{j} + (3xz^2 + 2)\hat{k}$  is a conservative force field.
7. Find the work done in moving an object in this field ( $\vec{F} = (y^2 \cos x + z^3)\hat{i} + (2y \sin x - 4)\hat{j} + (3xz^2 + 2)\hat{k}$ ) from  $(0,1,-1)$  to  $(\frac{\pi}{2}, -1, 2)$ .
8. Verify Green's theorem for the function  $\vec{A}(x, y, z) = (3x^2 - 8y^2)\hat{i} + (4y - 6xy)\hat{j}$ , where the region  $R$  is bounded by  $y = \sqrt{x}$  and  $y = x^2$ .

**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-IV (Honours) Internal Assessment (C2) 2019**  
**Subject : Mathematics**

**Time : 30 Minutes**

**Full Marks : 5**

**Paper- CC10**

**Answer any five questions-**

**[1x5]**

1. Prove that the set  $S = \{a + b\omega : a, b \in R\}$  and  $\omega$  is a cube root of 1, is a subfield of the field of complex numbers  $C$ .
2.  $S$  and  $T$  be two ideals of a ring  $R$ . Show that  $S \cap T$  is an ideal of  $R$ .
3. Find all ideals of the ring  $Z_8$  or  $Z_9$ .
4. Show that a field has no non trivial proper ideals.
5. Let  $R = \{a + b\sqrt{3}, a, b \in Z\}$  and  $S = \{2a + 2b\sqrt{3}, a, b \in Z\}$ . Show that  $S$  is an ideal of the ring  $R$ .
6.  $S$  and  $T$  are ideals of a ring  $R$  such that  $S \cap T = \{0\}$ , prove that  $st = 0$  for every  $s \in S, t \in T$ .
7. Let  $p$  be a prime integer. Show that the ideals  $pZ$  in the ring  $Z$  are prime ideals.
8. Show that  $3Z$  is a maximal ideal of the ring  $Z$ .

**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-IV (Honours) Internal Assessment (C2) 2019**

**Subject : Mathematics**

**Time : 30 Minutes**

**Paper- CC10**

**Full Marks : 5**

**Answer any five questions-**

**[1x5]**

1. Prove that the set  $S = \{a + b\omega : a, b \in R\}$  and  $\omega$  is a cube root of 1, is a subfield of the field of complex numbers  $C$ .
2.  $S$  and  $T$  be two ideals of a ring  $R$ . Show that  $S \cap T$  is an ideal of  $R$ .
3. Find all ideals of the ring  $Z_8$  or  $Z_9$ .
4. Show that a field has no non trivial proper ideals.
5. Let  $R = \{a + b\sqrt{3}, a, b \in Z\}$  and  $S = \{2a + 2b\sqrt{3}, a, b \in Z\}$ . Show that  $S$  is an ideal of the ring  $R$ .
6.  $S$  and  $T$  are ideals of a ring  $R$  such that  $S \cap T = \{0\}$ , prove that  $st = 0$  for every  $s \in S, t \in T$ .
7. Let  $p$  be a prime integer. Show that the ideals  $pZ$  in the ring  $Z$  are prime ideals.
8. Show that  $3Z$  is a maximal ideal of the ring  $Z$ .

**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-IV (Honours) Internal Assessment (C2) 2019**

**Subject : Mathematics**

**Time : 30 Minutes**

**Paper- CC10**

**Full Marks : 5**

**Answer any five questions-**

**[1x5]**

1. Prove that the set  $S = \{a + b\omega : a, b \in R\}$  and  $\omega$  is a cube root of 1, is a subfield of the field of complex numbers  $C$ .
2.  $S$  and  $T$  be two ideals of a ring  $R$ . Show that  $S \cap T$  is an ideal of  $R$ .
3. Find all ideals of the ring  $Z_8$  or  $Z_9$ .
4. Show that a field has no non trivial proper ideals.
5. Let  $R = \{a + b\sqrt{3}, a, b \in Z\}$  and  $S = \{2a + 2b\sqrt{3}, a, b \in Z\}$ . Show that  $S$  is an ideal of the ring  $R$ .
6.  $S$  and  $T$  are ideals of a ring  $R$  such that  $S \cap T = \{0\}$ , prove that  $st = 0$  for every  $s \in S, t \in T$ .
7. Let  $p$  be a prime integer. Show that the ideals  $pZ$  in the ring  $Z$  are prime ideals.
8. Show that  $3Z$  is a maximal ideal of the ring  $Z$ .

**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-IV (SEC) Internal Assignment (C2), 2019**  
**Subject : Mathematics**

**Time : 3 days**

**Full Marks : 5**

**Paper- SEC21 (Only For Math General Students')**

**Home Assignment**

**Answer any two questions-**

**[2.5x2]**

1. Find the angle between the the lines AB and AC where A, B and C are the three points with rectangular coordinates  $(1,2,-1)$ ,  $(2,0,3)$  and  $(3,-1,2)$ .
2. Find the area of the parallelogram, whose diagonals are the vectors  $3\hat{i} + \hat{j} - 2\hat{k}$  and  $\hat{i} - 3\hat{j} + 4\hat{k}$ .
3. If  $\vec{\nabla} \phi = 2xyz^3\hat{i} + x^2z^3\hat{j} + 3x^2yz^2\hat{k}$  and  $\phi(1,-2,2) = 4$ , find  $\phi(x,y,z)$ .
4. Find  $\vec{\nabla} \cdot \vec{F}$  if  $\vec{F} = x^2z\hat{i} - 2y^3z^2\hat{j} + xy^2z\hat{k}$ , at the point  $(1,-1,1)$ .

**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-IV (SEC) Internal Assignment (C2), 2019**  
**Subject : Mathematics**

**Time : 3 days**

**Full Marks : 5**

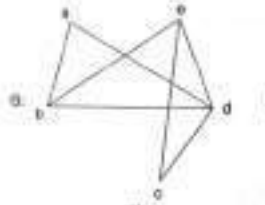
**Paper- SEC21 (Only For Math Hons. Students')**

**Home Assignment**

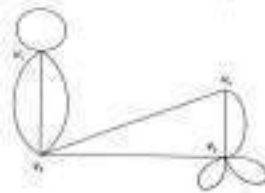
**Answer any two questions-**

**[2.5x2]**

1. Define adjacency matrix of a non-directed Graph and find the adjacency matrix of the following figure-

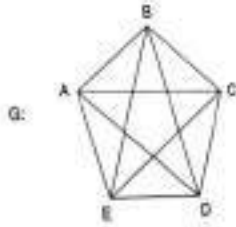


2. Define adjacency matrix of a Digraph and find the adjacency matrix of the graph shown in the following figure-



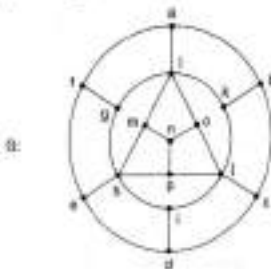
G:

3. Show that graph G is Eulerian and find an Eulerian circuit in G.



G:

4. Show that the graph G is not Hamiltonian.



G:



**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-I (General/Generic) Internal Assessment, 2019**  
**Subject : Mathematics**

**Time : 3 days**

**Full Marks : 5**

**Home Assignment**

**Answer any two questions-**

**[2.5x2]**

1. State Cauchy Criterion for existence of limit of a function. Hence show that  $\lim_{x \rightarrow 0} \cos \frac{1}{x}$  does not exist.

2. Check whether Rolle's theorem is applicable to the function

$$f(x) = |x|, x \in [-1, 1].$$

3. Expand  $e^x$  in series by Maclaurin's theorem. Hence show that  $e$  is an irrational number.

4. Find the condition that the conics  $ax^2 + by^2 = 1$  and  $a'x^2 + b'y^2 = 1$  shall cut orthogonally.

5. If  $u = f(r)$  where  $r = \sqrt{x^2 + y^2}$ , prove that  $\frac{\partial^2 u}{\partial x^2} + \frac{\partial^2 u}{\partial y^2} = f''(r) + \frac{1}{r} f'(r)$ .

**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-I (Honours) Internal Assessment (C1), 2019**  
**Subject : Mathematics**

**Time : 30 Minutes**

**Paper- CC01**

**Full Marks : 5**

**Answer any five questions-**

**[1x5]**

1. If  $ax + by$  transforms to  $a'x' + b'y'$  under rotation of axes, prove that  $a^2 + b^2 = a'^2 + b'^2$ .

2. If  $(x_1, y_1), (x_2, y_2), (x_3, y_3)$  be three non-collinear points in the plane, show that the expression  $\begin{vmatrix} x_1 & y_1 & 1 \\ x_2 & y_2 & 1 \\ x_3 & y_3 & 1 \end{vmatrix}$  remains invariant under orthogonal transformation.

3. Obtain the differential equation of all circles each of which touches the axis of X at the origin.

4. Solve:  $x dx + y dy + \frac{xy dy - y dx}{x^2 + y^2} = 0$ .

5. Evaluate  $\int_0^{\frac{\pi}{2}} \cos^2 x \cos 2x dx$ .

6. Evaluate  $\int_0^{\frac{\pi}{4}} \tan^5 x dx$ .

7. Derive the formula  $\cosh(x - y) = \cosh x \cosh y - \sinh x \sinh y$ .

8. if  $y = \sin kx + \cos kx$ , prove that  $y_n = k^n \{1 + (-1)^n \sin 2kx\}^{1/2}$ .

**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-I (Honours) Internal Assessment (C1), 2019**  
**Subject : Mathematics**

**Time : 30 Minutes**

**Paper- CC02**

**Full Marks : 5**

**Answer any five questions-**

**[1x5]**

1. Define subspace of a vector spaces. Give an example.

2. Prove that in a vector space  $V$  over a field  $F$ ,  $0 \cdot \alpha = \theta, \forall \alpha \in V$ .

3. Is the union of two subspaces of a vector space is a subspace? Justify your answer.

4. A relation  $\rho$  defined on  $\mathbb{Z}$  by " $x\rho y$  iff  $2x + 3y$  is divisible by 5" for all  $x, y \in \mathbb{Z}$ . Show that  $\rho$  is an equivalence relation.

5. A relation  $\rho$  defined on  $\mathbb{Z}$  by " $x\rho y$  iff  $xy \geq 0$  for all  $x, y \in \mathbb{Z}$ . Is it an equivalence relation? Justify.

6. . Show that inverse of an equivalence relation is also an equivalence relation.

7. Solve the equation  $x^4 + 2x^3 - 16x^2 - 22x + 7 = 0$  which has a root  $(2 + \sqrt{3})$ .

8. Find the multiple roots of the equation

$$x^5 - 5x^3 + 5x^2 - 1 = 0.$$

**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-III (Honours) Internal Assessment (C1), 2019**  
**Subject : Mathematics**

**Time : 30 Minutes**

**Paper- CC05**

**Full Marks : 5**

**Answer any five questions-**

**[1x5]**

1. A function  $f$  is defined on some nbd. of  $c$  and  $f$  is differentiable at  $c$ . Prove that ,  $\lim_{h \rightarrow 0} \frac{f(c+h)-f(c-h)}{2h} = f'(c)$ .
2. Examine, whether the function  $f$  defined on  $\mathbb{R}$  by,  $f(x) = \begin{cases} x^2 \sin \frac{1}{x} & (x \neq 0) \\ 0 & (x = 0) \end{cases}$  is differentiable or not at  $x = 0$ ?
3. Let,  $f: [0,3] \rightarrow \mathbb{R}$  is defined by,  $f(x) = \begin{cases} x & (0 \leq x \leq 1) \\ 2 - x^2 & (1 < x < 2) \\ x - x^2 & (2 \leq x \leq 3) \end{cases}$ . Find derived function  $f'$ .
4. State sequential criterion for existence of limit of a function and prove the necessary part only.
5. Show that  $\lim_{x \rightarrow 0} \operatorname{sgn} x$  does not exist.
6. Using Cauchy's principle prove that  $\lim_{x \rightarrow 0} \cos \frac{1}{x}$  does not exist.
7. Define metric on a non-empty set and give an example.
8. Show that the set of all real valued continuous functions over a closed interval form a metric space.

**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-III (Honours) Internal Assessment (C1), 2019**  
**Subject : Mathematics**

**Time : 30 Minutes**

**Paper- CC06**

**Full Marks : 5**

**Answer any five questions-**

**[1x5]**

1. Let  $G$  be a group and  $a, b \in G$ , then show that  $(aob)^{-1} = b^{-1}oa^{-1}$ .
2.  $G$  be a group such that  $(ab)^2 = a^2b^2$  for all  $a, b \in G$ . Show that  $G$  is an abelian group.
3. Show that if in a group  $G$ ,  $a^2 = e$  for all  $a \in G$ , then  $G$  is an abelian group.
4. Find the order of the permutation  $\begin{pmatrix} 1 & 2 & 3 & 4 & 5 & 6 \\ 4 & 6 & 3 & 5 & 1 & 2 \end{pmatrix}$ .
5. Let  $(G, o)$  be a group and  $a \in G$ . If  $o(a) = n$  and  $a^m = e$ , then show that  $n$  is a divisor of  $m$ .
6. Find all elements of order 10 in the group  $(\mathbb{Z}_{30}, +)$ .
7. Let ' $a$ ' be an element of a group  $G$  and  $o(a) = 20$ . Find the order of  $a^8$ .
8. Let  $a, b$  be fixed positive integers and  $H = \{ax + by : x, y \in \mathbb{Z}\}$ . Show that  $(H, +)$  is a sub group of the group  $(\mathbb{Z}, +)$ .

**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-III (Honours) Internal Assessment (C1), 2019**  
**Subject : Mathematics**

Time : 30 Minutes

Paper- CC07

Full Marks : 5

Answer any five questions-

[1x5]

1. Correct the number upto six significant figure 30.034653.
2. Find the number of significant figure in  $V_A = 11.2461$  given its absolute error as  $0.25 \times 10^{-2}$ .
3. Write down the approximate representation of  $\frac{2}{3}$  correct to four significant figures and then find (a) Absolute error, (b) Relative error, (c) Relative percentage error.
4. If  $y = 4x^6 - 5x$ , find the percentage error in  $y$  at  $x = 1$ , if the error in  $x = 0.04$ .
5. Show that difference of a constant function is zero, i.e.,  $\Delta c = 0$ .
6. Show that  $\Delta = E - 1$ . [where  $\Delta \rightarrow$  Difference operator and  $E \rightarrow$  Shift operator]
7. Given the following table:

$x$	0	1	2	3
$f(x)$	1	2	11	34

find the value of  $f(0.5)$  using Newton's Forward Difference Interpolation Formula.

8. Compute  $f(2.0)$  using Lagrange's Interpolation Formula from the given table:

$x$	0	1	3	4
$f(x)$	5	6	50	105

**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-III (Honours) Internal Assessment (C1), 2019**  
**Subject : Mathematics**

Time : 30 Minutes

Paper- CC07

Full Marks : 5

Answer any five questions-

[1x5]

1. Correct the number upto six significant figure 30.034653.
2. Find the number of significant figure in  $V_A = 11.2461$  given its absolute error as  $0.25 \times 10^{-2}$ .
3. Write down the approximate representation of  $\frac{2}{3}$  correct to four significant figures and then find (a) Absolute error, (b) Relative error, (c) Relative percentage error.
4. If  $y = 4x^6 - 5x$ , find the percentage error in  $y$  at  $x = 1$ , if the error in  $x = 0.04$ .
5. Show that difference of a constant function is zero, i.e.,  $\Delta c = 0$ .
6. Show that  $\Delta = E - 1$ . [where  $\Delta \rightarrow$  Difference operator and  $E \rightarrow$  Shift operator]
7. Given the following table:

$x$	0	1	2	3
$f(x)$	1	2	11	34

find the value of  $f(0.5)$  using Newton's Forward Difference Interpolation Formula.

8. Compute  $f(2.0)$  using Lagrange's Interpolation Formula from the given table:

$x$	0	1	3	4
$f(x)$	5	6	50	105

**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-III (SEC) Internal Assignment (C1), 2019**  
**Subject : Mathematics**

**Time : 3 days**

**Full Marks : 5**

**Paper- SEC11 (For Hons. & General)**

**Home Assignment**

**Answer any two questions-**

**[2.5x2]**

1. For three sets  $A, B, C$ . Prove that,  $A \cap (B \Delta C) = (A \cap B) \Delta (A \cap C)$ .

2. Let  $Z$  be the set of all integers and

$$A = \{x \in Z: 1 \leq x \leq 10\}$$

$$B = \{x \in Z: 6 \leq x \leq 15\}$$

$$C = \{x \in Z: 3 \leq x \leq 12\}$$

Verify that,  $A \cup (B \cap C) = (A \cup B) \cap (A \cup C)$ .

3. Construct a Truth Table for the conjunction of “ $n > 3$ ” and “ $n < 10$ ” when  $n \in N$

4. Show that  $\sim(p \rightarrow q) \equiv (p \wedge \sim q)$

**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-III (General/Generic) Internal Assessment(C1), 2019**  
**Subject : Mathematics**

**Time : 3 days**

**Full Marks : 5**

**Home Assignment**

**Answer any two questions-**

**[2.5x2]**

1. Define closed set. Prove that arbitrary intersection of closed sets in  $R$  is closed. Is arbitrary union of closed sets in  $R$  is closed? Justify your answer.

2. Show that  $\left\{ \left(1 + \frac{1}{n}\right)^n \right\}_n$  converges.

3. A sequence of functions  $\{f_n\}$  is defined on  $[0, a]$ ,  $0 < a < 1$ , by  $f_n(x) = x^n$ ,  $x \in [0, a]$ . Show that the sequence  $\{f_n\}$  converges uniformly on  $[0, a]$ .

4. Examine the convergence of  $\frac{1}{3} + \left(\frac{2}{5}\right)^2 + \left(\frac{3}{7}\right)^3 + \left(\frac{4}{9}\right)^4 + \dots$



**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-VI (Honours) Internal Assessment (C1), 2019**  
**Subject : Mathematics**

**Time : 2 days**

**Full Marks : 5**

**Paper- CC13**

**Answer any one question-**

**[5x1=5]**

1. Define a complete metric space. Show that  $l_p$  (for  $p \geq 1$ ) is a complete metric space. [1+4]
2. Show that the function  $u = \sin x \cdot \cosh y + 2 \cos x \cdot \sinh y + x^2 - y^2 + 4xy$  is a harmonic function. Also determine the corresponding analytical function  $f(z) = u + iv$ .

**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-VI (Honours) Internal Assessment (C1), 2019**  
**Subject : Mathematics**

**Time : 2 days**

**Full Marks : 5**

**Paper- CC14**

**Answer any one question-**

**[5x1=5]**

1. Use Gram-Schmidt process to obtain an orthonormal basis of the subspace of  $R^4$  with standard inner product, generated by the linearly independent set  $\{(1,1,0,1), (1,1,0,0), (0,1,0,1)\}$ .
2.  $R$  be a ring and  $f(x), g(x)$  be polynomials in  $R[x]$ .  
Prove that  $\deg(f(x)g(x)) \leq \deg(f(x)) + \deg(g(x))$ .

**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-VI (Honours) Internal Assessment (C2), 2019**  
**Subject : Mathematics**

**Time : 2 days**

**Full Marks : 5**

**Paper- CC13**

**Answer any one question-**

**[5x1=5]**

1. Define a continuous mapping in a metric space. Let  $(X, d_1)$  and  $(Y, d_2)$  be two metric spaces. Then prove that a function  $f: (X, d_1) \rightarrow (Y, d_2)$  is continuous if and only if for every open set  $V$  in  $(Y, d_2)$ ,  $f^{-1}(V)$  is open in  $(X, d_1)$ . [1+4]
2. Using Cauchy integral formula, calculate the following integral:

$$\int_C \frac{\cosh(\pi z) dz}{z(z^2+1)}, \text{ where } C \text{ is the circle } |z| = 2.$$

**SURI VIDYASAGAR COLLEGE**  
**B.A./ B.Sc., Sem-VI (Honours) Internal Assessment (C2), 2019**  
**Subject : Mathematics**

**Time : 2 days**

**Full Marks : 5**

**Paper- CC14**

**Answer any one question-**

**[5x1=5]**

1. Let  $P$  be a subspace of a finite dimensional Euclidean space  $V$ . Then prove that

$$V = P \oplus P^\perp.$$

2. Show that  $(x^2 + x + 1)$  is the only irreducible polynomial of degree 2 over  $Z_2$ .

**SURI VIDYA SAGAR COLLEGE****SEMESTER- III (CBCS) HONOURS INTERNAL ASSESSMENT (NOVEMBER) 2022****CC-05****DEPARTMENT OF MATHEMATICS**

Sl.No.	Student Name	University Roll	Total Internal	Marks Obtained		
				C-1	Attendance	Total
1	ABHROJIT RAKSHIT	210331000001	15	5	5	10
2	AISHA SIDDIKA KHATUN	210331000002	15	6	5	11
3	ARFINA SULTANA	210331000009	15	6	5	11
4	ASHUTOSH CHOWDHURY	210331000014	15	5	4	9
5	AYAN GOPAL BANERJEE	210331000019	15	5	4	9
6	BUDDHADEB SAHA	210331000022	15	6	4	10
7	DEBJYOTI MONDAL	210331000027	15	5	4	9
8	HARANATH DAS	210331000029	15	6	4	10
9	KINGSHUK PAL	210331000032	15	4	4	8
10	KRISHNENDU MONDAL	210331000034	15	5	4	9
11	MAYUKH DAS	210331000038	15	6	4	10
12	MD ALI	210331000039	15	4	4	8
13	PRITAM BANERJEE	210331000047	15	5	4	9
14	SAYAN KARMAKAR	210331000065	15	5	4	9
15	SK MOZID	210331000067	15	6	4	10
16	SUMAN DEY	210331000071	15	4	5	9
17	SUMAN SADHU	210331000072	15	6	4	10
18	SUPRAVO SHARMA	210331000074	15	3	4	7
19	TUSHAR MONDAL	210331000077	15	5	4	9

**OLD**

20	PRADIP TUDU	200331000056	15	3	4	7
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Date: 07.12.2022

Signature of HOD



**SURI VIDYA SAGAR COLLEGE****SEMESTER- III (CBCS) HONOURS INTERNAL ASSESSMENT (NOVEMBER) 2022****SEC-11****DEPARTMENT OF MATHEMATICS**

Sl.No.	Student Name	University Roll	Total Internal	Marks Obtained	
				C-1	Total
1	ABHROJIT RAKSHIT	210331000001	10	10	10
2	AISHA SIDDIKA KHATUN	210331000002	10	10	10
3	ARFINA SULTANA	210331000009	10	10	10
4	ASHUTOSH CHOWDHURY	210331000014	10	10	10
5	AYAN GOPAL BANERJEE	210331000019	10	10	10
6	BUDDHADEB SAHA	210331000022	10	10	10
7	DEBJYOTI MONDAL	210331000027	10	10	10
8	HARANATH DAS	210331000029	10	10	10
9	KINGSHUK PAL	210331000032	10	10	10
10	KRISHNENDU MONDAL	210331000034	10	10	10
11	MAYUKH DAS	210331000038	10	10	10
12	MD ALI	210331000039	10	10	10
13	PRITAM BANERJEE	210331000047	10	10	10
14	SAYAN KARMAKAR	210331000065	10	10	10
15	SK MOZID	210331000067	10	10	10
16	SUMAN DEY	210331000071	10	10	10
17	SUMAN SADHU	210331000072	10	10	10
18	SUPRAVO SHARMA	210331000074	10	10	10
19	TUSHAR MONDAL	210331000077	10	10	10

**OLD**

20	PRADIP TUDU	200331000056	10	10	10
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Date: 07.12.2022

Signature of HOD

SURI VIDYA SAGAR COLLEGE

SEMESTER- III (CBCS) GENERAL INTERNAL ASSESSMENT (NOVEMBER) 2022

CC-1C

DEPARTMENT OF MATHEMATICS

Sl.No.	Student Name	University Roll	Total Internal	Marks Obtained		
				C-1	Attendance	Total
1	ANANYA BANERJEE	210631010001	15	9	4	13
2	DEBASISH GARAIN	210631010005	15	9	4	13
3	KOUSHIK MALI	210631010007	15	9	4	13
4	MRINAL GHOSH	210631010009	15	9	4	13
5	RAJDEEP DUTTA	210631010014	15	9	4	13
6	ROHAN ROY	210631010018	15	9	4	13
7	SANCHITA MURMU	210631010020	15	8	4	12

Date: 07.12.2022

Signature of HOD

**SURI VIDYA SAGAR COLLEGE**  
**SEMESTER- V (CBCS) GENERAL INTERNAL ASSESSMENT (NOVEMBER) 2022**

**DSE-1A1**

**DEPARTMENT OF MATHEMATICS**

Sl.No.	Student Name	University Roll	Total Internal	Marks Obtained		
				C-1	Attendance	Total
1	ARIJIT GHOSH	200631010003	15	10	4	14
2	BIKRAM GHOSH	200631010007	15	9	4	13
3	BIKRAM GORAI	200631010008	15	9	4	13
4	BUDDHADEB MAL	200631010009	15	9	4	13
5	DIPTENDU MAJUMDER	200631010011	15	8	4	12
6	DOYEL BHAKAT	200631010012	15	9	4	13
7	KRITAM DAS	200631010018	15	9	4	13
8	MAHAMMAD FAIJUL HAQUE	200631010019	15	9	4	13
9	NABA KUMAR MONDAL	200631010022	15	9	4	13
10	RAHUL GHOSH	200631010025	15	9	4	13
11	SAIKAT SEN	200631010027	15	9	4	13

Date: 07.12.2022

Signature of HOD

**SURI VIDYA SAGAR COLLEGE**  
**SEMESTER- V (CBCS) HONOURS INTERNAL ASSESSMENT (NOVEMBER) 2022**      **DSE-11**  
**DEPARTMENT OF MATHEMATICS**

Sl.No.	Student Name	University Roll	Total Internal	Marks Obtained		
				C-1	Attendance	Total
1	ANJAN MANDAL	200331000007	15	10	5	15
2	ARNAB GHOSH	200331000014	15	10	4	14
3	BABAN GARAIN	200331000019	15	8	4	12
4	BARSHA SAMANTA	200331000020	15	9	5	14
5	BIMAN MONDAL	200331000022	15	9	5	14
6	GOPINATH MONDAL	200331000032	15	10	4	14
7	HAREKRISHNA GHORAI	200331000035	15	10	5	15
8	JOY KRISHNA DALAL	200331000039	15	10	4	14
9	KRISHNENDU MONDAL	200331000042	15	8	4	12
10	MRITUNJAY GARAI	200331000050	15	8	4	12
11	NILADRI SHANKAR GHOSH	200331000053	15	10	5	15
12	PRAHLAD MUKHERJEE	200331000058	15	10	5	15
13	PRASANTA GHOSH	200331000059	15	8	4	12
14	PRATIBHA GORAIN	200331000061	15	10	5	15
15	RAHIMODDIN SK	200331000066	15	8	4	12
16	RIAJUDDIN SK	200331000072	15	8	4	12
17	RISHAD RAHAMAN	200331000075	15	10	4	14
18	SAMIM AKTAR	200331000083	15	7	4	11
19	SANANDO SINGHA	200331000084	15	10	4	14
20	SANJOY GARAI	200331000085	15	7	4	11
21	SANKU PAL	200331000086	15	10	4	14
22	SANTU MONDAL	200331000087	15	6	5	11
23	SHIBNATH BISWAS	200331000091	15	9	4	13
24	SHUBHADIP SARKAR	200331000094	15	6	4	10
25	SK ASLAM	200331000095	15	10	4	14
26	SOMNATH BHOLLA	200331000099	15	10	5	15
27	SUBHANKAR PAL	200331000105	15	8	4	12
28	SUPRIYO BAHARA	200331000110	15	10	4	14

Date: 07.12.2022

Signature of HOD

**SURI VIDYA SAGAR COLLEGE**  
**SEMESTER- II (CBCS) GENERIC INTERNAL ASSESSMENT (MAY) 2022**      **GE-2**  
**DEPARTMENT OF MATHEMATICS**

Sl.No.	Student Name	University Roll	Total Internal	Marks Obtained		
				C-1	Attendance	Total
1	RONAL MURMU	200331000080	15			0
2	ARINDAM GARAIN	210331000010	15	10	4	14
3	SAHELI PAL	210331000061	15	10	4	14
4	SAHINUR RAHAMAN	210331000062	15	10	4	14
5	SAMADARSHITA SADHU	210331000063	15	10	4	14
6	SOUVIK CHATTOPADHYAY	210331000069	15	10	4	14
7	SHRAYOTA TANTI	210131000212	15	10	4	14

Date: 27.5.2022

Sujoy Das  
Signature of HOD



**SURI VIDYA SAGAR COLLEGE**

**SEMESTER- II (CBCS) HONOURS INTERNAL ASSESSMENT (MAY) 2022**

**CC-04**

**DEPARTMENT OF MATHEMATICS**

Sl.No.	Student Name	University Roll	Total Internal	Marks Obtained		
				C-1	Attendance	Total
1	ABHROJIT RAKSHIT	210331000001	15	10	5	15
2	AISHA SIDDIKA KHATUN	210331000002	15	9	5	14
3	ARFINA SULTANA	210331000009	15	9	5	14
4	ASHUTOSH CHOWDHURY	210331000014	15			0
5	AYAN GOPAL BANERJEE	210331000019	15	9	4	13
6	BUDDHADEB SAHA	210331000022	15	8	4	12
7	DEBJYOTI MONDAL	210331000027	15	10	4	14
8	HARANATH DAS	210331000029	15	9	4	13
9	KINGSHUK PAL	210331000032	15	10	4	14
10	KRISHNENDU MONDAL	210331000034	15	8	5	13
11	MANOB BAGDI	210331000037	15			0
12	MAYUKH DAS	210331000038	15	9	4	13
13	MD ALI	210331000039	15			0
14	MRINMOY BAURI	210331000043	15	9	4	13
15	PRITAM BANERJEE	210331000047	15	10	4	14
16	RAKIBUL ISLAM	210331000051	15	10		10
17	SAYAN KARMAKAR	210331000065	15	10	4	14
18	SK MOZID	210331000067	15	10	5	15
19	SUMAN DEY	210331000071	15	10	5	15
20	SUMAN SADHU	210331000072	15	10	4	14
21	SUPRAVO SHARMA	210331000074	15	10	4	14
22	TUSHAR MONDAL	210331000077	15	8	4	12

Date:27.5.2022

Sujoy Das  
Signature of HOD

## SURI VIDYA SAGAR COLLEGE

SEMESTER- IV (CBCS) HONOURS INTERNAL ASSESSMENT (MAY) 2022

CC-10

## DEPARTMENT OF MATHEMATICS

Sl.No.	Student Name	University Roll	Total Internal	Marks Obtained		
				C-1	Attendance	Total
1	ANJAN MANDAL	200331000007	15	10	4	14
2	ARNAB GHOSH	200331000014	15	9	4	13
3	BABAN GARAIN	200331000019	15	9	4	13
4	BARSHA SAMANTA	200331000020	15	10	5	15
5	BIMAN MONDAL	200331000022	15	10	5	15
6	GOPINATH MONDAL	200331000032	15	9	4	13
7	HAREKRISHNA GHORAI	200331000035	15	8	4	12
8	JOY KRISHNA DALAL	200331000039	15	8	4	12
9	KRISHNENDU MONDAL	200331000042	15	8	5	13
10	MRITUNJAY GARAI	200331000050	15	10	4	14
11	NILADRI SHANKAR GHOSH	200331000053	15	10	4	14
12	PRAHLAD MUKHERJEE	200331000058	15	10	5	15
13	PRASANTA GHOSH	200331000059	15	9	4	13
14	PRATIBHA GORAIN	200331000061	15	10	4	14
15	RAHIMODDIN SK	200331000066	15	9	4	13
16	RIAJUDDIN SK	200331000072	15	8	4	12
17	RISHAD RAHAMAN	200331000075	15	10	4	14
18	SAMIM AKTAR	200331000083	15	9	4	13
19	SANANDO SINGHA	200331000084	15	10	5	15
20	SANJOY GARAI	200331000085	15	10	4	14
21	SANKU PAL	200331000086	15	9	4	13
22	SANTU MONDAL	200331000087	15	8	4	12
23	SHIBNATH BISWAS	200331000091	15	10	4	14
24	SHUBHADIP SARKAR	200331000094	15	10	4	14
25	SK ASLAM	200331000095	15	10	4	14
26	SOMNATH BHOLLA	200331000099	15	9	4	13
27	SUBHANKAR PAL	200331000105	15	10	4	14
28	SUPRIYO BAHARA	200331000110	15	10	5	15

Date: 27.5.2022

Sujoy Das  
Signature of HOD

**DEPARTMENT OF MATHEMATICS**

Sl.No.	Student Name	Class Roll	University Roll	Total Internal	Marks Obtained		
					C-1	Attendance	Total
1	ANWESA PAL	111	190331000010	15	10	5	15
2	ARPAN GHOSHAL	132	190331000017	15	10	5	15
3	BHASKAR GARAI	121	190331000022	15	10	4	14
4	BIKRAM GHOSH	122	190331000023	15	10	4	14
5	BISWAJIT CHOWDHURY	113	190331000026	15	10	4	14
6	HRISIKESH BHATTACHARYA	138	190331000039	15	10	4	14
7	JIT ACHARYA	137	190331000041	15	10	4	14
8	KRISHNA GARAIN	273	190331000044	15	10	4	14
9	KRISHNA GOPAL MONDAL	97	190331000045	15	10	4	14
10	MD SAHANOWAZ HOSSAIN	83	190331000052	15	10	4	14
11	MD SOHEL	136	190331000053	15	10	4	14
12	MEGHNATH CHOWDHURY	274	190331000054	15	10	4	14
13	MOUMITA DAS	114	190331000058	15	10	4	14
14	OMIRUL ALI	106	190331000059	15	10	5	15
15	PARTHA MAJI	135	190331000060	15	10	4	14
16	PRITAM DEY	7	190331000063	15	10	5	15
17	RAMESH GARAIN	115	190331000068	15	10	4	14
18	RIMPA DAS	103	190331000073	15	10	4	14
19	RISHAV SADHU	130	190331000075	15	10	4	14
20	RITTIK GUIN	123	190331000076	15	10	4	14
21	RIYA GHANTI	105	190331000078	15	10	4	14
22	SK HOMIYO JAHANGIR	99	190331000091	15	10	4	14
23	SUBIR SAIN	92	190331000101	15	10	4	14
24	SUJAN KUMAR MONDAL	133	190331000104	15	10	4	14
25	SUKDEB DAS	80	190331000105	15	10	4	14
26	SUMAN MONDAL	109	190331000106	15	10	4	14
27	SUNANDA SAHA	88	190331000107	15	10	5	15

Date: 27.5.2022

Sujoy Das  
Head  
Department of Mathematics

**SURI VIDYA SAGAR COLLEGE****SEMESTER- I (CBCS) HONOURS INTERNAL ASSESSMENT (January) 2022****CC-01****DEPARTMENT OF MATHEMATICS**

Sl.No.	Student Name	University Roll	Total Internal	Marks Obtained		
				C-1	Attendance	Total
1	ABHROJIT RAKSHIT	210331000001	15	9	5	14
2	AISHA SIDDIKA KHATUN	210331000002	15	10	5	15
3	ARFINA SULTANA	210331000009	15	10	5	15
4	ASHUTOSH CHOWDHURY	210331000014	15	9	5	14
5	AYAN GOPAL BANERJEE	210331000019	15	10	5	15
6	BUDDHADEB SAHA	210331000022	15	9	5	14
7	DEBJYOTI MONDAL	210331000027	15	9	5	14
8	HARANATH DAS	210331000029	15	9	5	14
9	KINGSHUK PAL	210331000032	15	9	5	14
10	KRISHNENDU MONDAL	210331000034	15	10	5	15
11	MANOB BAGDI	210331000037	15	9	5	14
12	MAYUKH DAS	210331000038	15	9	5	14
13	MD ALI	210331000039	15	9	5	14
14	MRINMOY BAURI	210331000043	15	10	5	15
15	PRITAM BANERJEE	210331000047	15	10	5	15
16	RAKIBUL ISLAM	210331000051	15	9	5	14
17	SAYAN KARMAKAR	210331000065	15	10	5	15
18	SK MOZID	210331000067	15	10	5	15
19	SUMAN DEY	210331000071	15	10	5	15
20	SUMAN SADHU	210331000072	15	10	5	15
21	SUPRAVO SHARMA	210331000074	15	10	5	15
22	TUSHAR MONDAL	210331000077	15	9	5	14

Sujoy Das  
Signature of HOD

## SURI VIDYA SAGAR COLLEGE

SEMESTER- II (CBCS) GENERAL INTERNAL ASSESSMENT (JUNE) 2021

CC-1B

## DEPARTMENT OF MATHEMATICS

Sl.No.	Student Name	University Roll	Total Internal	Marks Obtained		
				C-1	Attendance	Total
1	ARIJIT GHOSH	200631010003	15	10	5	15
2	BIKRAM GHOSH	200631010007	15	10	5	15
3	BIKRAM GORAI	200631010008	15	10	5	15
4	BUDDHADEB MAL	200631010009	15	10	5	15
5	DIPTENDU MAJUMDER	200631010011	15	10	5	15
6	DOYEL BHAKAT	200631010012	15	10	5	15
7	KRITAM DAS	200631010018	15	10	5	15
8	MAHAMMAD FAIJUL HAQUE	200631010019	15	10	5	15
9	NABA KUMAR MONDAL	200631010022	15	10	5	15
10	RAHUL GHOSH	200631010025	15	10	5	15
11	SAIKAT SEN	200631010027	15	10	5	15

Sujoy Das  
Signature of HOD



SURI VIDYA SAGAR COLLEGE

SEMESTER- III (CBCS) GENERAL INTERNAL ASSESSMENT (DECEMBER) 2021

SEC-1

DEPARTMENT OF MATHEMATICS

Sl.No.	Student Name	University Roll	Total Internal	Marks Obtained	
				C-1	Total
1	KRITAM DAS	200631010018	10	9	9
2	SAIKAT SEN	200631010027	10	9	9

Sujoy Das  
Signature of HOD

**SURI VIDYA SAGAR COLLEGE**  
**SEMESTER- III (CBCS) HONOURS INTERNAL ASSESSMENT (January) 2022**      **SEC-1**  
**DEPARTMENT OF MATHEMATICS**

Sl.No.	Student Name	University Roll	Total Internal	Marks Obtained	
				C-1	Total
1	ANJAN MANDAL	200331000007	10	10	10
2	ARNAB GHOSH	200331000014	10	10	10
3	BABAN GARAIN	200331000019	10	10	10
4	BARSHA SAMANTA	200331000020	10	10	10
5	BIMAN MONDAL	200331000022	10	10	10
6	GOPINATH MONDAL	200331000032	10	10	10
7	HAREKRISHNA GHORAI	200331000035	10	9	9
8	JOY KRISHNA DALAL	200331000039	10	10	10
9	KRISHNENDU MONDAL	200331000042	10	10	10
10	MRITUNJAY GARAI	200331000050	10	9	9
11	NILADRI SHANKAR GHOSH	200331000053	10	9	9
12	PRAHLAD MUKHERJEE	200331000058	10	10	10
13	PRASANTA GHOSH	200331000059	10	10	10
14	PRATIBHA GORAIN	200331000061	10	9	9
15	RAHIMODDIN SK	200331000066	10	10	10
16	RIAJUDDIN SK	200331000072	10	9	9
17	RISHAD RAHAMAN	200331000075	10	9	9
18	SAMIM AKTAR	200331000083	10	9	9
19	SANANDO SINGHA	200331000084	10	10	10
20	SANJOY GARAI	200331000085	10	10	10
21	SANKU PAL	200331000086	10	9	9
22	SANTU MONDAL	200331000087	10	10	10
23	SHIBNATH BISWAS	200331000091	10	10	10
24	SHUBHADIP SARKAR	200331000094	10	10	10
25	SK ASLAM	200331000095	10	9	9
26	SOMNATH BHOLLA	200331000099	10	10	10
27	SUBHANKAR PAL	200331000105	10	10	10
28	SUPRIYO BAHARA	200331000110	10	10	10

Sujoy Das  
Signature of HOD

## SURI VIDYA SAGAR COLLEGE

SEMESTER-IV (CBCS) INTERNAL ASSESSMENT (JUNE) 2021

CC-08

## DEPARTMENT OF MATHEMATICS

Sl.No.	Student Name	University Roll	Total Internal	Marks Obtained			
				C-1	C-2	Attendance	Total
1	ANUPAM DAS	190331000009	15	AB	AB	0	0
2	ANWESA PAL	190331000010	15	5	5	5	15
3	ARPAN GHOSHAL	190331000017	15	5	5	5	15
4	BHASKAR GARAI	190331000022	15	5	5	5	15
5	BIKRAM GHOSH	190331000023	15	5	5	5	15
6	BISWAJIT CHOWDHURY	190331000026	15	5	5	5	15
7	HRISIKESH BHATTACHARYA	190331000039	15	5	5	5	15
8	JIT ACHARYA	190331000041	15	5	5	5	15
9	KRISHNA GARAIN	190331000044	15	5	5	5	15
10	KRISHNA GOPAL MONDAL	190331000045	15	5	5	5	15
11	MD SAHANOWAZ HOSSAIN	190331000052	15	5	5	5	15
12	MD SOHEL	190331000053	15	5	5	5	15
13	MEGHNATH CHOWDHURY	190331000054	15	5	5	5	15
14	MOUMITA DAS	190331000058	15	5	5	5	15
15	OMIRUL ALI	190331000059	15	5	5	5	15
16	PARTHA MAJI	190331000060	15	5	5	5	15
17	PRITAM DEY	190331000063	15	5	5	5	15
18	RAMESH GARAIN	190331000068	15	5	5	5	15
19	RIMPA DAS	190331000073	15	5	5	5	15
20	RISHAV SADHU	190331000075	15	5	5	5	15
21	RITTIK GUIN	190331000076	15	5	5	5	15
22	RIYA GHANTI	190331000078	15	5	5	5	15
23	SAYED MOSTAFIJUL HAQUE	190331000087	15	AB	AB	0	0
24	SK HOMIYO JAHANGIR	190331000091	15	5	5	5	15
25	SUBIR SAIN	190331000101	15	5	5	5	15
26	SUJAN KUMAR MONDAL	190331000104	15	5	5	5	15
27	SUKDEB DAS	190331000105	15	5	5	5	15
28	SUMAN MONDAL	190331000106	15	5	5	5	15
29	SUNANDA SAHA	190331000107	15	5	5	5	15

Date: 25.08.2021

Sujoy Das  
Signature of H.O.D.

**SURI VIDYA SAGAR COLLEGE**

**SEMESTER-V (CBCS) INTERNAL ASSESSMENT (DECEMBER) 2021**

**CC-12**

**DEPARTMENT OF MATHEMATICS**

Sl.No.	Student Name	Class Roll	University Roll	Total Internal	Marks Obtained		
					C-1	Attendance	Total
1	ANWESA PAL	111	190331000010	15	10	5	15
2	ARPAN GHOSHAL	132	190331000017	15	10	5	15
3	BHASKAR GARAI	121	190331000022	15	10	5	15
4	BIKRAM GHOSH	122	190331000023	15	10	5	15
5	BISWAJIT CHOWDHURY	113	190331000026	15	10	5	15
6	HRISIKESH BHATTACHARYA	138	190331000039	15	10	5	15
7	JIT ACHARYA	137	190331000041	15	10	5	15
8	KRISHNA GARAIN	273	190331000044	15	10	5	15
9	KRISHNA GOPAL MONDAL	97	190331000045	15	10	5	15
10	MD SAHANOWAZ HOSSAIN	83	190331000052	15	10	5	15
11	MD SOHEL	136	190331000053	15	10	5	15
12	MEGHNATH CHOWDHURY	274	190331000054	15	10	5	15
13	MOUMITA DAS	114	190331000058	15	9	5	14
14	OMIRUL ALI	106	190331000059	15	10	5	15
15	PARTHA MAJI	135	190331000060	15	10	5	15
16	PRITAM DEY	7	190331000063	15	10	5	15
17	RAMESH GARAIN	115	190331000068	15	10	5	15
18	RIMPA DAS	103	190331000073	15	10	5	15
19	RISHAV SADHU	130	190331000075	15	10	5	15
20	RITTIK GUIN	123	190331000076	15	10	5	15
21	RIYA GHANTI	105	190331000078	15	10	5	15
22	SK HOMIYO JAHANGIR	99	190331000091	15	9	5	14
23	SUBIR SAIN	92	190331000101	15	10	5	15
24	SUJAN KUMAR MONDAL	133	190331000104	15	9	5	14
25	SUKDEB DAS	80	190331000105	15	10	5	15
26	SUMAN MONDAL	109	190331000106	15	9	5	14
27	SUNANDA SAHA	88	190331000107	15	10	5	15

Date: 17.12.2021

Sujoy Das  
Head  
Department of Mathematics

## SURI VIDYA SAGAR COLLEGE

SEMESTER-VI (CBCS) INTERNAL EXAMINATION (JUNE) 2021

CC-14 (Hons)

## DEPARTMENT OF MATHEMATICS

Sl.No.	Student Name	University Roll	Total Internal	Marks Obtained			
				C-1	C-2	Attendance	Total
1	AJAY MARJIT	180331000006	15	5	5	5	15
2	ANINDITA MONDAL	180331000007	15	5	5	5	15
3	ANJAN DAS	180331000008	15	5	5	5	15
4	ARCHANA GHOSH	AB	15	AB	AB	0	0
5	ARGHYA MAL	180331000011	15	5	5	5	15
6	ARGHYASHREE DEHARI	180331000012	15	5	5	5	15
7	ARPITA DAS	180331000017	15	5	5	5	15
8	BAIDYANATH MANDAL	180331000020	15	5	5	5	15
9	BALARAM PAL	180331000021	15	5	5	5	15
10	BROJO GOPAL MONDAL	180331000028	15	AB	AB	0	0
11	BUDDHADEV MONDAL	180331000029	15	5	5	5	15
12	DEBJIT DAS	180331000034	15	AB	AB	0	0
13	DEBNARAYAN GHOSH	180331000036	15	AB	AB	0	0
14	DISHA SAHA	180331000038	15	5	5	5	15
15	KALYANI ROY	180331000045	15	5	5	5	15
16	KIRAN DAS	180331000049	15	5	5	5	15
17	KOUSHIK DAS	180331000050	15	5	5	5	15
18	KUSHAL SAHA	180331000051	15	5	5	5	15
19	MD AFROJ	180331000053	15	5	5	5	15
20	MIJANUR THANADAR	180331000055	15	5	5	5	15
21	MONISHA ROY	180331000057	15	5	5	5	15
22	MOUMITA SADHU	180331000059	15	5	5	5	15
23	NABANITA MANDAL	180331000060	15	5	5	5	15
24	NUR HASNA KHATUN	180331000063	15	5	5	5	15
25	PRITAM MAHARA	180331000067	15	5	5	5	15
26	RAHUL MONDAL	180331000069	15	5	5	5	15
27	RAKESH MONDAL	180331000073	15	5	5	5	15
28	RANGAN HAZRA	180331000076	15	5	5	5	15
29	RIYA DAS	180331000081	15	AB	AB	0	0
30	SANDIP MANDAL	180331000086	15	5	5	5	15
31	SATYAJIT MONDAL	180331000092	15	5	5	5	15
32	SAURAV GANGULY	180331000093	15	5	5	5	15
33	SHREYASHI ROY	180331000097	15	5	5	5	15
34	SOUMYAJIT MANDAL	180331000106	15	5	5	5	15
35	SOURAV SAHA	180331000107	15	5	5	5	15
36	SUBHAMOY BANERJEE	180331000110	15	5	5	5	15
37	SUDIP MONDAL	180331000113	15	5	5	5	15
38	SUJOY MONDAL	180331000115	15	5	5	5	15
39	SUMAN BADYAKAR	180331000117	15	5	5	5	15
40	SUVAJIT GHOSH	180331000122	15	5	5	5	15

## BACKLOG

1	MD SADI SK	170331000067	15	5	5	5	15
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Date: 3.8.21

Sujoy Das

Signature of H.O.D.



SURI VIDYA SAGAR COLLEGE

TERMINAL EXAMINATION 2018-19

3rd Year(Honours)

DEPARTMENT OF MATHEMATICS

Sl.No.	Student Name	Class Roll	Total Marks	Marks Obtained	
				Term-I	Term-II
1	BIJOYA GHOSH	124	50	20	24
2	SUTAPA DUTTA	68	50	19	23
3	SHILPI GHOSH	224	50	23	28
4	AMRITA GHOSH	202	50	7	16
5	BIKRAM PATAR	195	50	12	15
6	DEBOJYOTI BHANDARY	178(OLD)	50	10	16
7	ARGHYA MONDAL	243(OLD)	50	25	AB
8	ANIRUDDHA SEN	45	50	10	22
9	ANAL ADHIKARI	234(OLD)	50	17	25
10	ARIJIT RUJ	240	50	11	14
11	CHAYAN KABIRAJ	13	50	17	24

Date:

Signature of H.O.D.

**SURI VIDYA SAGAR COLLEGE**

**SEMESTER-III (CBCS) EXAMINATION (DECEMBER) 2018**

**CC-05**

**DEPARTMENT OF MATHEMATICS**

Sl.No.	Student Name	Class Roll	University Roll	Total Internal	Marks Obtained			
					C-1	C-2	Attendance	Total
1	ABDUL RUSSEL SARKAR	231	170331000001	15	4	4	3	11
2	ABDUR RAHMAN	98	170331000002	15	5	5	4	14
3	ADITI MONDAL	255	170331000004	15	4	3	4	11
4	ADITYA DAS	191	170331000005	15	5	5	5	15
5	AGAMONI SAHA	107	170331000006	15	4	4	4	12
6	AMIT KUMAR MONDAL	244	170331000007	15	3	3	4	10
7	ANJAN DAS	99	170331000013	15	3	4	4	11
8	ANKITA KANRI	56	170331000016	15	5	3	4	12
9	ANUPAM MARDI	40	170331000017	15	5	5	5	15
10	ARIJIT PAL	243	170331000020	15	4	5	5	14
11	AVIJIT DAS	228	170331000026	15	4	5	4	13
12	BABAI CHANDRA DOME	3	170331000028	15	5	5	5	15
13	BROJO GOPAL MONDAL	46	170331000034	15	4	5	4	13
14	BUBAI SARKAR	52	170331000035	15	5	4	5	14
15	CHUMKI DEY	150	170331000036	15	4	5	4	13
16	DEBALINA MONDAL	234	170331000038	15	5	3	5	13
17	DEBANWITA GHATAK	251	170331000039	15	5	5	5	15
18	DIBYENDU GHOSH	242	170331000042	15	4	5	4	13
19	JAYANTA ACHARYYA	106	170331000048	15	4	4	4	12
20	KUNTAL ROY	69	170331000055	15	5	3	5	13
21	LOKNATH BAGDI	113	170331000056	15	3	3	4	10
22	MAHADEB BANERJEE	62	170331000060	15	4	5	4	13
23	MANABENDRA PAL	54	170331000062	15	5	5	5	15
24	MD SHEIKH SADI SK	87	170331000067	15	4	4	4	12
25	MD TUSLEEM ARIF	61	170331000068	15	AB	AB	0	0

Date:

Signature of H.O.D.

**SURI VIDYA SAGAR COLLEGE**

**SEMESTER-III (CBCS) EXAMINATION (DECEMBER) 2018**

**CC-05**

**DEPARTMENT OF MATHEMATICS**

Sl.No.	Student Name	Class Roll	University Roll	Total Internal	Marks Obtained			
					C-1	C-2	Attendance	Total
26	MOUMITA MONDAL	88	170331000070	15	4	5	5	14
27	MOUMITA SAHA	102	170331000071	15	5	3	4	12
28	NURSELINA ISLAM	80	170331000074	15	5	3	4	12
29	PIJUSH DAS	16	170331000076	15	5	5	5	15
30	PRALAY RUJ	58	170331000078	15	5	4	4	13
31	PRATYAY MONDAL	19	170331000080	15	5	5	5	15
32	PUJA KABIRAJ	14	170331000082	15	4	5	5	14
33	RAJSWARI PANJA	37	170331000086	15	5	5	5	15
34	RAKESH DHAR	94	170331000087	15	4	5	5	14
35	RIMPA GARAIN	155	170331000088	15	4	4	4	12
36	RIPAN MONDAL	105	170331000089	15	3	5	4	12
37	RUBINA KHATUN	59	170331000091	15	4	5	5	14
38	SAYAN BANERJEE	222	170331000099	15	5	5	4	14
39	SAYANTI THAKUR	93	AB	15	AB	AB	0	0
40	SHARMISTHA KAR	67	170331000103	15	5	5	5	15
41	SHREYA SADHU	135	170331000104	15	4	4	3	11
42	SK MIRAJUL HAQUE	262	170331000109	15	4	5	4	13
43	SOHAM SARKAR	249	170331000110	15	5	4	4	13
44	SOURAV BANIK	18	170331000113	15	5	5	5	15
45	SOURAV PAL	250	170331000115	15	5	3	3	11
46	SUDIPTA BHATTACHARYYA	218	170331000125	15	4	5	5	14
47	SUMIT DUTTA	213	170331000126	15	5	5	5	15
48	SUSMITA BARIK	212	170331000131	15	5	3	4	12
49	TIYASHA SHARMA	198	170331000135	15	AB	AB	0	0
50	VASKAR NANDAN	53	170331000136	15	3	4	4	11

Date:

Signature of H.O.D.

SURI VIDYA SAGAR COLLEGE

SEMESTER-I (CBCS) EXAMINATION (DECEMBER) 2018

GE-1(Generic)

DEPARTMENT OF MATHEMATICS

Sl.No.	Student Name	Class Roll	University Roll	Total Internal	Marks Obtained			
					C-1	C-2	Attendance	Total
1	ABHIJIT MONDAL	225	180331000002	15	5	5	3	13
2	ARNAB ROOJ	42	180331000015	15	5	5	3	13
3	ARPITA GHOSH	237	180331000018	15	5	5	3	13
4	BANYA DAS	32	180331000022	15	5	5	4	14
5	BHABOSINDHU SAHA	221	180331000023	15	5	5	3	13
6	BHASKAR BAGDI	44	180331000024	15	5	5	3	13
7	DEBADITYA PANJA	229	180331000032	15	5	5	4	14
8	DEBASMITA CHATTERJEE	18	180331000033	15	5	5	2	12
9	HIMADRI DAS	16	180331000041	15	5	5	3	13
10	MD ASIF MOLLA	183	180331000054	15	5	5	4	14
11	MOUMITA ROY	138	AB	15	5	AB	0	5
12	NURJAHAN KHATUN	24	180331000064	15	5	5	3	13
13	RAKESH DHARA	43	180331000072	15	5	5	3	13
14	RANA PROTAP SINGHA	235	180331000074	15	5	5	2	12
15	RIMA GUIN	55	180331000078	15	5	5	4	14
16	RITWIK RAY	234	180331000080	15	5	5	3	13
17	ROHIT MONDAL	2	180331000082	15	5	5	3	13
18	SANKHADIP SADHU	124	180331000087	15	5	5	3	13
19	SANTU DUTTA	4	180331000088	15	5	5	3	13
20	SHREYASEE DUTTA	106	180331000096	15	5	5	3	13
21	SHUVAJIT MONDAL	123	180331000098	15	5	5	3	13
22	SK ANOWAR	33	180331000100	15	5	5	4	14
23	SK TAJIMUL ISLAM	40	180331000102	15	5	5	3	13
24	SUJAN DEY	11	180331000114	15	5	5	3	13
25	SUMI DAS	102	180331000120	15	5	5	3	13
26	SURAJIT MONDAL	10	180331000121	15	5	5	3	13

Date:

Signature of H.O.D.

**SURI VIDYA SAGAR COLLEGE**

**SEMESTER-IV (CBCS) EXAMINATION (JUNE) 2019**

**CC-09**

**DEPARTMENT OF MATHEMATICS**

Sl.No.	Student Name	Class Roll	University Roll	Total Internal	Marks Obtained			
					C-1	C-2	Attendance	Total
1	ABDUL RUSSEL SARKAR	231	170331000001	15	5	5	3	13
2	ABDUR RAHMAN	98	170331000002	15	5	5	4	14
3	ADITI MONDAL	255	170331000004	15	5	5	4	14
4	ADITYA DAS	191	170331000005	15	5	5	4	14
5	AGAMONI SAHA	107	170331000006	15	5	5	4	14
6	AMIT KUMAR MONDAL	244	170331000007	15	5	5	4	14
7	ANJAN DAS	99	170331000013	15	5	4	4	13
8	ANKITA KANRI	56	170331000016	15	5	5	3	13
9	ANUPAM MARDI	40	170331000017	15	5	5	5	15
10	ARIJIT PAL	243	170331000020	15	5	4	4	13
11	AVIJIT DAS	228	170331000026	15	5	4	4	13
12	BABAI CHANDRA DOME	3	170331000028	15	5	5	4	14
13	BROJO GOPAL MONDAL	46	170331000034	15	5	5	4	14
14	BUBAI SARKAR	52	170331000035	15	5	5	3	13
15	CHUMKI DEY	150	170331000036	15	5	5	4	14
16	DEBALINA MONDAL	234	170331000038	15	5	5	4	14
17	DEBANWITA GHATAK	251	170331000039	15	5	5	4	14
18	DIBYENDU GHOSH	242	170331000042	15	5	5	4	14
19	JAYANTA ACHARYYA	106	170331000048	15	5	4	3	12
20	KUNTAL ROY	69	170331000055	15	5	5	5	15
21	LOKNATH BAGDI	113	170331000056	15	4	4	4	12
22	MAHADEB BANERJEE	62	170331000060	15	5	5	4	14
23	MANABENDRA PAL	54	170331000062	15	5	5	4	14
24	MD SHEIKH SADI SK	87	170331000067	15	5	5	4	14
25	MD TUSLEEM ARIF	61	170331000068	15	AB	AB	0	0

Date:

Signature of H.O.D.



**SURI VIDYA SAGAR COLLEGE**

**SEMESTER-IV (CBCS) EXAMINATION (JUNE) 2019**

**CC-09**

**DEPARTMENT OF MATHEMATICS**

Sl.No.	Student Name	Class Roll	University Roll	Total Internal	Marks Obtained			
					C-1	C-2	Attendance	Total
26	MOUMITA MONDAL	88	170331000070	15	5	5	4	14
27	MOUMITA SAHA	102	170331000071	15	5	4	4	13
28	NURSELINA ISLAM	80	170331000074	15	5	5	4	14
29	PIJUSH DAS	16	170331000076	15	5	5	5	15
30	PRALAY RUJ	58	170331000078	15	5	5	4	14
31	PRATYAY MONDAL	19	170331000080	15	5	5	4	14
32	PUJA KABIRAJ	14	170331000082	15	5	5	4	14
33	RAJSWARI PANJA	37	170331000086	15	5	5	4	14
34	RAKESH DHAR	94	170331000087	15	5	5	4	14
35	RIMPA GARAIN	155	170331000088	15	5	4	4	13
36	RIPAN MONDAL	105	170331000089	15	5	5	4	14
37	RUBINA KHATUN	59	170331000091	15	5	5	4	14
38	SAYAN BANERJEE	222	170331000099	15	5	5	4	14
39	SAYANTI THAKUR	93	AB	15	AB	AB	0	0
40	SHARMISTHA KAR	67	170331000103	15	5	5	4	14
41	SHREYA SADHU	135	170331000104	15	5	5	3	13
42	SK MIRAJUL HAQUE	262	170331000109	15	5	5	4	14
43	SOHAM SARKAR	249	170331000110	15	5	5	4	14
44	SOURAV BANIK	18	170331000113	15	5	5	5	15
45	SOURAV PAL	250	170331000115	15	5	4	3	12
46	SUDIPTA BHATTACHARYYA	218	170331000125	15	5	5	4	14
47	SUMIT DUTTA	213	170331000126	15	5	5	4	14
48	SUSMITA BARIK	212	170331000131	15	5	4	4	13
49	TIYASHA SHARMA	198	170331000135	15	AB	AB	0	0
50	VASKAR NANDAN	53	170331000136	15	5	5	3	13

Date:

Signature of H.O.D.

**SURI VIDYA SAGAR COLLEGE**  
**SEMESTER-IV (CBCS) EXAMINATION (JUNE) 2019**  
**DEPARTMENT OF MATHEMATICS**

**SEC-21**

Sl.No.	Student Name	Class Roll	University Roll	Total Internal	Marks Obtained		
					C-1	C-2	Total
1	ABDUL RUSSEL SARKAR	231	170331000001	15	5	5	10
2	ABDUR RAHMAN	98	170331000002	15	5	5	10
3	ADITI MONDAL	255	170331000004	15	5	5	10
4	ADITYA DAS	191	170331000005	15	5	5	10
5	AGAMONI SAHA	107	170331000006	15	5	5	10
6	AMIT KUMAR MONDAL	244	170331000007	15	5	5	10
7	ANJAN DAS	99	170331000013	15	5	5	10
8	ANKITA KANRI	56	170331000016	15	5	5	10
9	ANUPAM MARDI	40	170331000017	15	5	5	10
10	ARIJIT PAL	243	170331000020	15	5	5	10
11	AVIJIT DAS	228	170331000026	15	5	5	10
12	BABAI CHANDRA DOME	3	170331000028	15	5	5	10
13	BROJO GOPAL MONDAL	46	170331000034	15	5	5	10
14	BUBAI SARKAR	52	170331000035	15	5	5	10
15	CHUMKI DEY	150	170331000036	15	5	5	10
16	DEBALINA MONDAL	234	170331000038	15	5	5	10
17	DEBANWITA GHATAK	251	170331000039	15	5	5	10
18	DIBYENDU GHOSH	242	170331000042	15	5	5	10
19	JAYANTA ACHARYYA	106	170331000048	15	5	5	10
20	KUNTAL ROY	69	170331000055	15	5	5	10
21	LOKNATH BAGDI	113	170331000056	15	5	5	10
22	MAHADEB BANERJEE	62	170331000060	15	5	5	10
23	MANABENDRA PAL	54	170331000062	15	5	5	10
24	MD SHEIKH SADI SK	87	170331000067	15	5	5	10
25	MD TUSLEEM ARIF	61	170331000068	15	AB	AB	0

Date:

Signature of H.O.D.

**SURI VIDYA SAGAR COLLEGE**  
**SEMESTER-IV (CBCS) EXAMINATION (JUNE) 2019**  
**DEPARTMENT OF MATHEMATICS**

**SEC-21**

Sl.No.	Student Name	Class Roll	University Roll	Total Internal	Marks Obtained		
					C-1	C-2	Total
26	MOUMITA MONDAL	88	170331000070	15	5	5	10
27	MOUMITA SAHA	102	170331000071	15	5	5	10
28	NURSELINA ISLAM	80	170331000074	15	5	5	10
29	PIJUSH DAS	16	170331000076	15	5	5	10
30	PRALAY RUJ	58	170331000078	15	5	5	10
31	PRATYAY MONDAL	19	170331000080	15	5	5	10
32	PUJA KABIRAJ	14	170331000082	15	5	5	10
33	RAJSWARI PANJA	37	170331000086	15	5	5	10
34	RAKESH DHAR	94	170331000087	15	5	5	10
35	RIMPA GARAIN	155	170331000088	15	5	5	10
36	RIPAN MONDAL	105	170331000089	15	5	5	10
37	RUBINA KHATUN	59	170331000091	15	5	5	10
38	SAYAN BANERJEE	222	170331000099	15	5	5	10
39	SAYANTI THAKUR	93	AB	15	AB	AB	0
40	SHARMISTHA KAR	67	170331000103	15	5	5	10
41	SHREYA SADHU	135	170331000104	15	5	5	10
42	SK MIRAJUL HAQUE	262	170331000109	15	5	5	10
43	SOHAM SARKAR	249	170331000110	15	5	5	10
44	SOURAV BANIK	18	170331000113	15	5	5	10
45	SOURAV PAL	250	170331000115	15	5	5	10
46	SUDIPTA BHATTACHARYYA	218	170331000125	15	5	5	10
47	SUMIT DUTTA	213	170331000126	15	5	5	10
48	SUSMITA BARIK	212	170331000131	15	5	5	10
49	TIYASHA SHARMA	198	170331000135	15	AB	AB	0
50	VASKAR NANDAN	53	170331000136	15	5	5	10

Date:

Signature of H.O.D.

## SURI VIDYA SAGAR COLLEGE

## SEMESTER-II (CBCS) EXAMINATION (JUNE) 2019

CC-03

## DEPARTMENT OF MATHEMATICS

Sl.No.	Student Name	Class Roll	University Roll	Total Internal	Marks Obtained			
					C-1	C-2	Attendance	Total
1	AJAY MARJIT	69	180331000006	15	3	4	4	11
2	ANINDITA MONDAL	231	180331000007	15	3	4	4	11
3	ANJAN DAS	130	180331000008	15	4	3	4	11
4	ARCHANA GHOSH	65	AB	15	AB	AB	0	0
5	ARGHYA MAL	98	180331000011	15	3	3	4	10
6	ARGHYASHREE DEHARI	115	180331000012	15	5	5	4	14
7	ARPITA DAS	70	180331000017	15	5	5	4	14
8	BAIDYANATH MANDAL	90	180331000020	15	4	5	4	13
9	BALARAM PAL	175	180331000021	15	4	3	4	11
10	BROJO GOPAL MONDAL	60	180331000028	15	4	5	4	13
11	BUDDHADEV MONDAL	57	180331000029	15	3	5	4	12
12	DEBJIT DAS	88	180331000034	15	3	3	4	10
13	DEBNARAYAN GHOSH	132	180331000036	15	3	5	4	12
14	DISHA SAHA	79	180331000038	15	4	4	3	11
15	KALYANI ROY	84	180331000045	15	3	3	4	10
16	KIRAN DAS	109	180331000049	15	3	3	4	10
17	KOUSHIK DAS	68	180331000050	15	5	5	4	14
18	KUSHAL SAHA	99	180331000051	15	3	3	4	10
19	MD AFROJ	104	180331000053	15	3	4	4	11
20	MIJANUR THANADAR	92	180331000055	15	5	3	4	12
21	MONISHA ROY	66	180331000057	15	5	3	5	13
22	MOUMITA SADHU	133	180331000059	15	4	5	4	13
23	NABANITA MANDAL	128	180331000060	15	3	4	3	10
24	NUR HASNA KHATUN	238	180331000063	15	3	4	4	11
25	PRITAM MAHARA	53	180331000067	15	3	3	3	9
26	RAHUL MONDAL	131	180331000069	15	3	4	5	12
27	RAKESH MONDAL	62	180331000073	15	3	4	4	11
28	RANGAN HAZRA	95	180331000076	15	3	3	4	10
29	RIYA DAS	74	180331000081	15	5	3	5	13
30	SANDIP MANDAL	227	180331000086	15	4	3	3	10
31	SATYAJIT MONDAL	91	180331000092	15	3	5	4	12
32	SAURAV GANGULY	245	180331000093	15	5	3	5	13
33	SHREYASHI ROY	56	180331000097	15	5	3	4	12
34	SOUMYAJIT MANDAL	58	180331000106	15	3	5	4	12
35	SOURAV SAHA	82	180331000107	15	5	3	5	13
36	SUBHAMOY BANERJEE	76	180331000110	15	3	4	4	11
37	SUDIP MONDAL	97	180331000113	15	4	3	4	11
38	SUJOY MONDAL	93	180331000115	15	5	3	4	12
39	SUMAN BADYAKAR	72	180331000117	15	5	4	5	14
40	SUVAJIT GHOSH	27	180331000122	15	3	3	4	10

Date:

Signature of H.O.D.

**SURI VIDYA SAGAR COLLEGE**

**SEMESTER-IV (CBCS) EXAMINATION (JUNE) 2019**

**SEC-21(General)**

**DEPARTMENT OF MATHEMATICS**

Sl.No.	Student Name	Class Roll	University Roll	Total Internal	Marks Obtained		
					C1	C2	Total
1	ABDUL ASIF	182	170631010001	15	5	5	10
2	ABDUL HAQUE	174	170631010002	15	AB	AB	0
3	ABUBAKKAR SIDDIQUE	201	170631010005	15	5	5	10
4	AKASH MONDAL	152	170631010006	15	AB	AB	0
5	APURBA GARAIN	194	170631010008	15	AB	AB	0
6	ARIJIT MONDAL	146	170631010010	15	AB	AB	0
7	ARNAB ROY	266	170631010011	15	5	5	10
8	CHAND GOPAL GHOSH	144	170631010013	15	5	5	10
9	KUNTAL BHATTACHARYYA	161	170631010016	15	5	5	10
10	MATAB KHAN	178	170631010019	15	5	5	10
11	MUSHA HOQUE	267	170631010020	15	AB	AB	0
12	PARIMAL GHOSH	219	170631010021	15	5	5	10
13	RAHUL MONDAL	217	170631010023	15	AB	AB	0
14	SAINUL HAQUE	123	170631010028	15	AB	AB	0
15	SANDIP MUKHERJEE	195	170631010029	15	5	5	10
16	SK ALAUDDIN	199	170631010032	15	AB	AB	0
17	SUBRATA BHUINYA	203	NOT APPEARED	15	AB	AB	0
18	SUFIYA KHATUN	202	170631010038	15	5	5	10
19	SUMAN DAS	233	170631010039	15	5	4	9
20	SUPRIYA PAL	206	170631010040	15	5	5	10

Date:

Signature of H.O.D.



**SURI VIDYA SAGAR COLLEGE**

**SEMESTER-III (CBCS) EXAMINATION (DECEMBER) 2018**

**CC-06**

**DEPARTMENT OF MATHEMATICS**

Sl.No.	Student Name	Class Roll	University Roll	Total Internal	Marks Obtained			
					C-1	C-2	Attendance	Total
1	ABDUL RUSSEL SARKAR	231	170331000001	15	5	5	3	13
2	ABDUR RAHMAN	98	170331000002	15	5	5	4	14
3	ADITI MONDAL	255	170331000004	15	4	3	4	11
4	ADITYA DAS	191	170331000005	15	3	5	5	13
5	AGAMONI SAHA	107	170331000006	15	5	3	4	12
6	AMIT KUMAR MONDAL	244	170331000007	15	4	5	4	13
7	ANJAN DAS	99	170331000013	15	5	5	4	14
8	ANKITA KANRI	56	170331000016	15	4	3	4	11
9	ANUPAM MARDI	40	170331000017	15	5	5	5	15
10	ARIJIT PAL	243	170331000020	15	4	5	5	14
11	AVIJIT DAS	228	170331000026	15	5	4	4	13
12	BABAI CHANDRA DOME	3	170331000028	15	4	5	5	14
13	BROJO GOPAL MONDAL	46	170331000034	15	5	4	4	13
14	BUBAI SARKAR	52	170331000035	15	5	4	5	14
15	CHUMKI DEY	150	170331000036	15	4	4	4	12
16	DEBALINA MONDAL	234	170331000038	15	5	3	5	13
17	DEBANWITA GHATAK	251	170331000039	15	5	5	5	15
18	DIBYENDU GHOSH	242	170331000042	15	5	3	4	12
19	JAYANTA ACHARYYA	106	170331000048	15	5	6	4	15
20	KUNTAL ROY	69	170331000055	15	5	5	5	15
21	LOKNATH BAGDI	113	170331000056	15	3	4	4	11
22	MAHADEB BANERJEE	62	170331000060	15	5	5	4	14
23	MANABENDRA PAL	54	170331000062	15	5	5	5	15
24	MD SHEIKH SADI SK	87	170331000067	15	5	4	4	13
25	MD TUSLEEM ARIF	61	170331000068	15	AB	AB	0	0

Date:

Signature of H.O.D.

**SURI VIDYA SAGAR COLLEGE**

**SEMESTER-III (CBCS) EXAMINATION (DECEMBER) 2018**

**CC-06**

**DEPARTMENT OF MATHEMATICS**

Sl.No.	Student Name	Class Roll	University Roll	Total Internal	Marks Obtained			
					C-1	C-2	Attendance	Total
26	MOUMITA MONDAL	88	170331000070	15	5	5	5	15
27	MOUMITA SAHA	102	170331000071	15	5	3	4	12
28	NURSELINA ISLAM	80	170331000074	15	5	3	4	12
29	PIJUSH DAS	16	170331000076	15	4	5	5	14
30	PRALAY RUJ	58	170331000078	15	4	5	4	13
31	PRATYAY MONDAL	19	170331000080	15	5	5	5	15
32	PUJA KABIRAJ	14	170331000082	15	5	5	5	15
33	RAJSWARI PANJA	37	170331000086	15	5	5	5	15
34	RAKESH DHAR	94	170331000087	15	5	5	5	15
35	RIMPA GARAIN	155	170331000088	15	5	3	4	12
36	RIPAN MONDAL	105	170331000089	15	5	4	4	13
37	RUBINA KHATUN	59	170331000091	15	4	5	5	14
38	SAYAN BANERJEE	222	170331000099	15	5	4	4	13
39	SAYANTI THAKUR	93	AB	15	AB	AB	0	0
40	SHARMISTHA KAR	67	170331000103	15	5	5	5	15
41	SHREYA SADHU	135	170331000104	15	4	3	3	10
42	SK MIRAJUL HAQUE	262	170331000109	15	5	3	4	12
43	SOHAM SARKAR	249	170331000110	15	5	5	4	14
44	SOURAV BANIK	18	170331000113	15	5	5	5	15
45	SOURAV PAL	250	170331000115	15	4	5	3	12
46	SUDIPTA BHATTACHARYYA	218	170331000125	15	4	5	5	14
47	SUMIT DUTTA	213	170331000126	15	5	5	5	15
48	SUSMITA BARIK	212	170331000131	15	5	4	4	13
49	TIYASHA SHARMA	198	170331000135	15	AB	AB	0	0
50	VASKAR NANDAN	53	170331000136	15	4	5	4	13

Date:

Signature of H.O.D.



# SURI VIDYASAGAR COLLEGE

(Govt. Sponsored & Constituent college of the University of Burdwan)

SURI, BIRBHUM, PIN – 731101, Ph. No. – 03462-255504

Website : [surividyasagarcollege.org.in](http://surividyasagarcollege.org.in), e-mail: : [surividyasagarcollege1942@gmail.com](mailto:surividyasagarcollege1942@gmail.com)

This Institution is Ragging Free

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Department of Physical Education, Suri Vidyasagar College

# Suri Vidyasagar college



## The University of Burdwan

### Department of Physical Education

### INTERNAL ASSIGNMENT- 2023

**Student Name:-**

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**Semester:-**

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**Course Code:-**

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**University Roll:-**

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**Registration Number:-**

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**College Roll:-**

---

**Subject:**

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# **SURI VIDYASAGAR COLLEGE**

## **Department of Physical Education**

**Internal Assignment**

**Total Marks: 10**

**Submission Date: 29/05/2023**

### **SEMESTER – II**

**COURSE CODE – CC1B**

**PAPER: Management of Physical Education and Sports**

- ✓ Make a Project about Organizing Annual Athletic meet.

### **SEMESTER – IV**

**PAPER: health education, physical fitness and wellness.**

**Course code: CC1D**

- ✓ Make a project about Obesity (Non-Communicable Disease)

### **SEMESTER – IV**

**PAPER: Gymnastics and yoga**

**Course code: SEC-2**

- ✓ Make a project about many type of yoga posture on your syllabus.

# **SURI VIDYASAGAR COLLEGE**

## **Department of Physical Education**

**Internal Assignment**

**Total Marks: 10**

**Submission Date: 29/05/2023**

### **SEMESTER – II**

**COURSE CODE – CC1B**

**PAPER: Management of Physical Education and Sports**

- ✓ Make a Project about Organizing Annual Athletic meet.

### **SEMESTER – IV**

**PAPER: health education, physical fitness and wellness.**

**Course code: CC1D**

- ✓ Make a project about Obesity (Non-Communicable Disease)

### **SEMESTER – IV**

**PAPER: Gymnastics and yoga**

**Course code: SEC-2**

- ✓ Make a project about many type of yoga posture on your syllabus.



# SURI VIDYASAGAR COLLEGE

## DEPARTMENT OF PHYSICAL EDUCATION

INTERNAL ASSIGNMENT

SEMESTER – I

COURSE CODE – CC1A

PAPER:- Foundation and history of Physical Education.

Answer any two questions.

TOTAL MARKS = 10 (5+5)

- A. What is the objective of physical education? Discuss any 2 objective.
- B. Discuss about factors that are affecting growth and development?
- C. Discuss about historical background of asian games?

### **INSTRUCTION:-**

- USE A4 SIZE PAGE.
- USE COVER PAGE.
- Page Number and University Roll Number is mandatory for each Single Page.

# SURI VIDYASAGAR COLLEGE

## DEPARTMENT OF PHYSICAL EDUCATION

INTERNAL ASSIGNMENT

SEMESTER – V

COURSE CODE – GE-1

**PAPER:-** Modern trends & practices in physical education exercise sciences.

**Answer any two questions.**

**TOTAL MARKS = 10 (5+5)**

### **TOPIC:-**

- A.** Discuss any two objectives of Physical Education.
- B.** Write a short note about ancient Olympic.
- C.** Discuss about any 5 factors that affect growth & development.

### **INSTRUCTION:-**

- **USE A4 SIZE PAGE.**
- **USE COVER PAGE.**
- **Page Number and University Roll Number is mandatory for each Single Page.**

# SURI VIDYASAGAR COLLEGE

## DEPARTMENT OF PHYSICAL EDUCATION

INTERNAL ASSIGNMENT

SEMESTER – V

COURSE CODE – SEC-3

PAPER:- INDIAN GAMES & RACKET SPORTS

Write a short note about the following sports skill:-

**TOPIC:-**

**A. FUNDAMENTAL SKILLS OF KHOKHO- MARKS- 5**

- i. Pole Drive.
- ii. Tapping.

**B. FUNDAMENTAL SKILL OF KABADDI- MARKS- 5**

- i. Touching With Hands.
- ii. Use of Leg-Toe Touch.

**INSTRUCTION:-**

- USE A4 SIZE PAGE.
- USE COVER PAGE.
- Page Number and University Roll Number is mandatory for each Single Page.

# SURI VIDYASAGAR COLLEGE

## DEPARTMENT OF PHYSICAL EDUCATION

INTERNAL ASSIGNMENT

SEMESTER – III

COURSE CODE – SEC1

**PAPER:- Track & Field**

**Total Marks: 10**

**Time: 30 Minutes**

**যে কোনো ৩ টি প্রশ্নের উত্তর দাও (৩ x ২ = ৬)**

১. বর্তমানে একটি আদর্শ ১০০ মিটার ট্র্যাকের কতগুলি লেণ থাকে এবং সেই লেণ গুলির প্রশ্নের পরিমাপ উল্লেখ কর।
২. যেকোনো দুটি ট্র্যাক ইভেন্টের নাম লেখো।
৩. Realy Race এ কতগুলি Zone থাকে এবং সেই Zone গুলির নাম উল্লেখ কর।
৪. Shot Put ও Discus throw এর সেক্টর এর কোণ (Angle) গুলি উল্লেখ কর।

**যে কোনো ১ টি প্রশ্নের উত্তর দাও (১ x ৪ = ৪)**

১. চিত্রসহ লং জ্যাম্পের মাঠ পরিমাপ কর।
২. চিত্রসহ SHOT PUT মাঠ পরিমাপ বর্ণনা কর।

# SURI VIDYASAGAR COLLEGE

## DEPARTMENT OF PHYSICAL EDUCATION

INTERNAL ASSIGNMENT

SEMESTER – V

COURSE CODE – GE-1

**PAPER:- Modern Trends and Practices in Physical Education Exercise Sciences.**

**Total Marks: 10**

**Time: 30 Minutes**

**যে কোনো ৩ টি প্রশ্নের উত্তর দাও (৩ x ২ = ৬)**

১. C.A.Bucher এর মতে শারীরশিক্ষার সংজ্ঞা দাও ।
২. শারীরশিক্ষার উদ্দেশ্য গুলি লেখো ।
৩. শারীরিক সক্ষমতা বলতে কি বোঝো।
৪. বিকাশ বলতে কি বোঝো।

**যে কোনো ১ টি প্রশ্নের উত্তর দাও (১ x ৪ = ৪)**

১. বৃদ্ধি ও বিকাশকে প্রভাবিত করে এমন কতগুলো উপাদান সম্বন্ধে বর্ণনা করো ।
২. প্রাচীন অলিম্পিক সম্বন্ধে যাহা জানো লেখো ।

# SURI VIDYASAGAR COLLEGE

DEPARTMENT OF PHYSICAL EDUCATION

INTERNAL ASSIGNMENT

SEMESTER – III

COURSE CODE – CC1C

**PAPER:- Anatomy, Physiology and Exercise Physiology**

**Total Marks: 10**

**Time: 30 Minutes**

**যে কোনো ৩ টি প্রশ্নের উত্তর দাও (৩ x ২ = ৬)**

1. Anatomy বলতে কি বোঝো।
2. Exercise Physiology বলতে কি বোঝো।
3. কোষ এর সংজ্ঞা দাও।
4. রক্তের সংজ্ঞা দাও।
5. Athletic Heart বলতে কি বোঝো।

**যে কোনো ১ টি প্রশ্নের উত্তর দাও (১ x ৪ = ৪)**

1. শারীরশিক্ষায় Anatomy বিষয় এর প্রয়োজনীয়তা সন্থন্ধে আলোচনা করো।
2. পেশী সংকোচন সন্থন্ধে যাহা জানো লেখো



# SURI VIDYASAGAR COLLEGE

DEPARTMENT OF PHYSICAL EDUCATION

INTERNAL ASSIGNMENT

SEMESTER – V

COURSE CODE – DSE1

**PAPER:- Measurements and Evaluation in Physical Education**

**Total Marks: 10**

**Time: 30 Minutes**

**যে কোনো ৩ টি প্রশ্নের উত্তর দাও (৩ x ২ = ৬)**

১. মূল্যায়ন এর সংজ্ঞা দাও ।
২. BMI এর ফর্মুলা টি লেখো ।
৩. পরিমাপ বলতে কি বোঝো ।
৪. টেস্ট বলতে কি বোঝো ।

**যে কোনো ১ টি প্রশ্নের উত্তর দাও (১ x ৪ = ৪)**

১. AAHPER YOUTH FITNESS TEST টি বর্ণনা করো ।
২. HARVARD STEP TEST সম্বন্ধে লেখো ।

# SURI VIDYASAGAR COLLEGE

## DEPARTMENT OF PHYSICAL EDUCATION

INTERNAL ASSIGNMENT

SEMESTER – V

COURSE CODE – SEC-3

**PAPER:- Indian Games and Racket Sports**

**Total Marks: 10**

**Time: 30 Minutes**

**যে কোনো ৩ টি প্রশ্নের উত্তর দাও (৩ x ২ = ৬)**

১. কাবাডি খেলায় Raiding এর দুটি Skill - এর নাম লেখ ।
২. খো খো খেলায় চেসিং এ দুটি স্কিলের নাম লেখ ।
৩. ব্যাডমিন্টন খেলায় শর্ট সার্ভিসে নাম দুটি লেখ ।
৪. Kho-Kho খেলায় সিটিং বক্স ও Pole এর পরিমাপ কত ?

**যে কোনো ১ টি প্রশ্নের উত্তর দাও (১ x ৪ = ৪)**

১. চিত্রসহ Kabaddi অথবা Kho-Kho মাঠ এর পরিমাপ অঙ্কন কর ।
২. চিত্রসহ Badminton মাঠ - এর পরিমাপ অঙ্কন কর ।

# SURI VIDYASAGAR COLLEGE

## DEPARTMENT OF PHYSICAL EDUCATION

### INTERNAL EXAM SCHEDULE OF SEMESTER V & III

<b>SEMESTER</b>	<b>PAPER</b>	<b>DATE - TIME &amp; ROOM</b>
<b>III</b>	<b>CC 1C-</b> Anatomy, Physiology & Exercise Physiology.	10/11/2022 8:00 A.M. to 8:30 A.M.  ROOM NO – 84
	<b>SEC<sub>1</sub> –</b> Track & Field	10/11/2022 8:30 A.M to 9:00 A.M.  ROOM NO – 84
<b>V</b>	<b>DSE1-</b> Tests, Measurements & Evaluation in Physical Education.	16/11/2022 8:00 A.M. to 8:30 A.M.  ROOM NO – 84
	<b>SEC3 –</b> Games and Racket Sports.	16/11/2022 8:30 A.M to 9:00 A.M.  ROOM NO – 84
	<b>GE-1-</b> Modern Trends And Practices In Physical Education Exercise Science	16/11/2022 9:00 A.M to 9:30 A.M.  ROOM NO – 84

DEPARTMENT OF PHYSICAL EDUCATION  
Mr. BAPPA SANGUIN - H.O.D  
Mr. ADITYA MONDAL

Suri Vidyasagar College (Morning Shift)  
**DSE:- PEDG (Psychology in Physical Education and Sports)**  
**Sem.:VI'2022**

SI. NO	Roll No.	Registration No	Student Name	MARKS OUT OF- 20
1	190431010042	201901031332	AMIT KR MONDAL	14
2	190431010089	201901031382	AVIJIT BAGDI	13
3	190431010146	201901031445	BUDDHADEB DAS	17
4	190431010186	201901031491	DHATRI MONDAL	15
5	190431010191	201901031497	DIPANKAR BAGDI	13
6	190431010195	201901031501	DISHA MITRA (DAY)	17
7	190431010196	201901031502	DIYA PAL	17
8	190431010242	201901031559	JANHABI MAL	13
9	190431010259	201901031579	KABITA LOHAR	17
10	190431010285	201901031607	KISHOR DAS	15
11	190431010288	201901031610	KOYEL MONDAL	17
12	190431010312	201901031636	MADHAB PAL	18
13	190431010361	201901031693	MILI DAS	14
14	190431010466	201901031815	PIULI HALDAR	14
15	190431010470	201901031820	PRADIP THANDAR	13
16	190431010473	201901031824	PRASENJEET SARKAR	17
17	190431010522	201901031877	RAKHI CHAKRABORTY	14
18	190431010547	201901031903	RIMI DAS	17
19	190431010635	201901032003	SANCHAYAN PAL	17
20	190431010639	201901032009	SANDIP BHANDARI	16
21	190431010692	201901032065	SHREYOSHI BANERJEE	14
22	190431010695	201901032068	SHYAM SUNDAR LOHAR	14
23	190431010741	201901032125	SK SAHEBUL	17
24	190431010797	201901032186	SOURAV MAL	14
25	190431010823	201901032215	SUCHANA DAS	16
26	190431010826	201901032218	SUDIPA ORANG	16
27	190431010828	201901032220	SUDITI ROY	17
28	190431010836	201901032230	SUKODI MURMU	17
29	190431010860	201901032257	SURANJAN KUMAR DAS	16
30	190431010870	201901032269	SWAPNANEEL DUTTA	17
31	190431010898	201901032302	TINKU BAYEN	14
32	190431010925	201901032333	WASIM HOSSAIN MONDAL	14

**Examiner Name**  
**Aditya Mondal & Bappa S.**

MARKS OUT OF - 40
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Suri Vidyasagar College (Morning Shift)  
**SEC4 :- PEDG (Ball Games: Football & Volleyball)**  
**Sem.:VI'2022**

SI. NO	Roll No.	Registration No	Student Name		INT. ASS.
1	190431010042	201901031332	AMIT KR MONDAL		31
2	190431010089	201901031382	AVIJIT BAGDI		31
3	190431010146	201901031445	BUDDHADEB DAS		35
4	190431010186	201901031491	DHATRI MONDAL		31
5	190431010195	201901031501	DISHA MITRA	Day	35
6	190431010196	201901031502	DIYA PAL		35
7	190431010242	201901031559	JANHABI MAL		24
8	190431010259	201901031579	KABITA LOHAR		35
9	190431010285	201901031607	KISHOR DAS		31
10	190431010288	201901031610	KOYEL MONDAL		35
11	190431010312	201901031636	MADHAB PAL		37
12	190431010361	201901031693	MILI DAS		29
13	190431010466	201901031815	PIULI HALDAR		28
14	190431010470	201901031820	PRADIP THANDAR		26
15	190431010473	201901031824	PRASENJEET SARKAR		34
16	190431010547	201901031903	RIMI DAS		34
17	190431010635	201901032003	SANCHAYAN PAL		34
18	190431010639	201901032009	SANDIP BHANDARI		35
19	190431010692	201901032065	SHREYOSHI BANERJEE		29
20	190431010695	201901032068	SHYAM SUNDAR LOHAR		28
21	190431010741	201901032125	SK SAHEBUL		34
22	190431010823	201901032215	SUCHANA DAS		30
23	190431010826	201901032218	SUDIPA ORANG		30
24	190431010828	201901032220	SUDITI ROY		32
25	190431010836	201901032230	SUKODI MURMU		32
26	190431010860	201901032257	SURANJAN KUMAR DAS		29
27	190431010870	201901032269	SWAPNANEEL DUTTA		32
28	190431010898	201901032302	TINKU BAYEN		28

<b>Examiner Name</b> <b>Aditya Mondal &amp; Bappa Sangui</b>
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Suri Vidyasagar College  
**GE-2 :- PEDG (Health Education and Tests**  
**Sem.:VI**

SI. NO	Roll No.	Registration No
1	180431010860	201801034034
2	190431010008	201901031290
3	190431010014	201901031296
4	190431010039	201901031328
5	190431010140	201901031439
6	190431010165	201901031465
7	190431010171	201901031473
8	190431010192	201901031498
9	190431010232	201901031549
10	190431010321	201901031647
11	190431010334	201901031663
12	190431010365	201901031698
13	190431010369	201901031702
14	190431010370	201901031703
15	190431010415	201901031756
16	190431010458	201901031806
17	190431010463	201901031811
18	190431010488	201901031841
19	190431010642	201901032011
20	190431010675	201901032048
21	190431010694	201901032067
22	190431010786	201901032175
23	190431010791	201901032180
24	190431010871	201901032270

Page (Morning Shift)

**& Measurements in Physical Education)**

**I'2022**

<b>Student Name</b>	<b>MARKS OUT OF- 60</b>
SONIA KHATUN	51
ABHISHEK RUJ	35
ADITI BANERJEE	38
AMARENDRA BASAK	35
BISWAJIT HEMBRAM	35
CHUMKI BHANDARI	38
DEBABRATA MONDAL	30
DIPENDRA KUMAR SHUKLA	35
INDRAJIT DAS	42
MAMONI GHOSH	41
MANORAMA SOW	40
MIRZA MUSTAFIJUL HOSSAIN	51
MITHUN BAGDI	40
MOHAN BAGDI	30
NASRIN SULTANA	40
PAYEL SAHA	37
PINTU GHOSH	38
PRIYANKA DAS	55
SANDIP SINGH	38
SHEARYA BHATTACHARYA	41
SHUBRANSHU BADIYAKAR	55
SOUDA BEGUM	39
SOUMI DAS	50
SWARNALI DEY	41

**Examiner Name**

**Aditya Mondal & Bappa Sanguin**

Suri Vidyasagar College (Morning Shift)  
DSE:- PEDG (Psychology in Physical Education and Sports)  
Sem.:VI'2022

SI. NO	Roll No.	Registration No	Student Name		INT. ASS.
1	190431010042	201901031332	AMIT KR MONDAL		7
2	190431010089	201901031382	AVIJIT BAGDI		7
3	190431010146	201901031445	BUDDHADEB DAS		8
4	190431010186	201901031491	DHATRI MONDAL		8
5	190431010191	201901031497	DIPANKAR BAGDI		7
6	190431010195	201901031501	DISHA MITRA	Day	8
7	190431010196	201901031502	DIYA PAL		8
8	190431010242	201901031559	JANHABI MAL		6
9	190431010259	201901031579	KABITA LOHAR		9
10	190431010285	201901031607	KISHOR DAS		7
11	190431010288	201901031610	KOYEL MONDAL		9
12	190431010312	201901031636	MADHAB PAL		9
13	190431010361	201901031693	MILI DAS		7
14	190431010466	201901031815	PIULI HALDAR		7
15	190431010470	201901031820	PRADIP THANDAR		7
16	190431010473	201901031824	PRASENJEET SARKAR		8
17	190431010522	201901031877	RAKHI CHAKRABORTY		7
18	190431010547	201901031903	RIMI DAS		9
19	190431010635	201901032003	SANCHAYAN PAL		8
20	190431010639	201901032009	SANDIP BHANDARI		8
21	190431010692	201901032065	SHREYOSHI BANERJEE		7
22	190431010695	201901032068	SHYAM SUNDAR LOHAR		7
23	190431010741	201901032125	SK SAHEBUL		8
24	190431010797	201901032186	SOURAV MAL		7
25	190431010823	201901032215	SUCHANA DAS		8
26	190431010826	201901032218	SUDIPA ORANG		9
27	190431010828	201901032220	SUDITI ROY		9
28	190431010836	201901032230	SUKODI MURMU		9
29	190431010860	201901032257	SURANJAN KUMAR DAS		7
30	190431010870	201901032269	SWAPNANEEL DUTTA		7
31	190431010898	201901032302	TINKU BAYEN		6
32	190431010925	201901032333	WASIM HOSSAIN MONDAL		6

Examiner Name  
Bappa Sanguin & Aditya Mondal

<b>Atten.</b>	<b>Total</b>
3	10
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Suri Vidyasagar College (Morning Shift)  
**SEC4 :- PEDG (Ball Games: Football & Volleyball)**  
**Sem.:VI'2022**

SI. NO	Roll No.	Registration No	Student Name	
1	190431010042	201901031332	AMIT KR MONDAL	
2	190431010089	201901031382	AVIJIT BAGDI	
3	190431010146	201901031445	BUDDHADEB DAS	
4	190431010186	201901031491	DHATRI MONDAL	
5	190431010195	201901031501	DISHA MITRA	Day
6	190431010196	201901031502	DIYA PAL	
7	190431010242	201901031559	JANHABI MAL	
8	190431010259	201901031579	KABITA LOHAR	
9	190431010285	201901031607	KISHOR DAS	
10	190431010288	201901031610	KOYEL MONDAL	
11	190431010312	201901031636	MADHAB PAL	
12	190431010361	201901031693	MILI DAS	
13	190431010466	201901031815	PIULI HALDAR	
14	190431010470	201901031820	PRADIP THANDAR	
15	190431010473	201901031824	PRASENJEET SARKAR	
16	190431010547	201901031903	RIMI DAS	
17	190431010635	201901032003	SANCHAYAN PAL	
18	190431010639	201901032009	SANDIP BHANDARI	
19	190431010692	201901032065	SHREYOSHI BANERJEE	
20	190431010695	201901032068	SHYAM SUNDAR LOHAR	
21	190431010741	201901032125	SK SAHEBUL	
22	190431010823	201901032215	SUCHANA DAS	
23	190431010826	201901032218	SUDIPA ORANG	
24	190431010828	201901032220	SUDITI ROY	
25	190431010836	201901032230	SUKODI MURMU	
26	190431010860	201901032257	SURANJAN KUMAR DAS	
27	190431010870	201901032269	SWAPNANEEL DUTTA	
28	190431010898	201901032302	TINKU BAYEN	

<b>EXAMINER NAME</b> <b>Bappa Sanguin &amp; Aditya Mondal</b>
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INT. ASS.	Remark
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Suri Vidyasa

**GE-2 :- PEDG (Health Education a**

SI. NO	Roll No.	Registration No
1	180431010860	201801034034
2	190431010008	201901031290
3	190431010014	201901031296
4	190431010039	201901031328
5	190431010140	201901031439
6	190431010165	201901031465
7	190431010171	201901031473
8	190431010192	201901031498
9	190431010232	201901031549
10	190431010321	201901031647
11	190431010334	201901031663
12	190431010365	201901031698
13	190431010369	201901031702
14	190431010370	201901031703
15	190431010415	201901031756
16	190431010458	201901031806
17	190431010463	201901031811
18	190431010488	201901031841
19	190431010642	201901032011
20	190431010675	201901032048
21	190431010694	201901032067
22	190431010786	201901032175
23	190431010791	201901032180
24	190431010871	201901032270

iggar College (Morning Shift)  
nd Tests & Measurements in Physical Education)  
Sem.:VI'2022

Student Name		INT. ASS.	Atten.	Total
SONIA KHATUN		8	5	13
ABHISHEK RUJ		7	3	10
ADITI BANERJEE		6	3	9
AMARENDRA BASAK		6	3	9
BISWAJIT HEMBRAM		6	3	9
CHUMKI BHANDARI		6	3	9
DEBABRATA MONDAL		6	3	9
DIPENDRA KUMAR SHUKLA		6	3	9
INDRAJIT DAS		6	3	9
MAMONI GHOSH		7	3	10
MANORAMA SOW		7	4	11
MIRZA MUSTAFIJUL HOSSAIN		7	5	12
MITHUN BAGDI		6	3	9
MOHAN BAGDI		6	3	9
NASRIN SULTANA		6	3	9
PAYEL SAHA		7	4	11
PINTU GHOSH		6	3	9
PRIYANKA DAS		9	5	14
SANDIP SINGH		6	3	9
SHEARYA BHATTACHARYA		7	4	11
SHUBRANSHU BADIYAKAR		9	5	14
SOUDA BEGUM		6	3	9
SOUMI DAS		9	5	14
SWARNALI DEY		7	4	11

**EXAMINER NAME**

**Bappa Sanguin & Aditya Mondal**

Suri Vidyasagar College (Morning Shift)  
**Core Course :- PEDG (Health Education, Physical Fitness and Wellness)**  
**Sem.:IV '2022**

Sl. No	Roll No.	Registration No	Student Name	Shift	Internal			Uni. Exam Marks
					C1	Atten.	Total	
1	200431010028	202001031305	AKASH BAGDI		9	4	13	34
2	200431010046	202001031323	ANANDA DAS		6	3	9	30
3	200431010056	202001031333	ANJAN SIL		8	3	11	24
5	200431010059	202001031336	ANKAN BHAKAT		6	3	9	25
6	200431010075	202001031353	ARPITA CHATTERJEE		8	3	11	27
7	200431010094	202001031372	AYAN HARI MONDAL		8	3	11	34
8	200431010159	202001031441	CHAITALI MAHARA		8	3	11	35
9	200431010169	202001031452	CHITRANJIT MAZUMDAR		6	3	9	25
10	200431010170	202001031453	CHOTTU MAL		7	4	11	24
11	200431010186	202001031469	DEEP DAS		8	4	12	21
12	200431010237	202001031525	INDIRA HAZRA		8	5	13	35
13	200431010252	202001031541	JAYANTA MAL		6	4	10	33
14	200431010275	202001031568	KARTIK SAHA		8	3	11	31
15	200431010301	202001031595	KRISHANU MAL		7	3	10	32
16	200431010313	202001031608	LAXMI BHANDARI	Day	6	4	10	33
17	200431010452	202001031756	NITISH SARKAR		6	3	9	25
18	200431010495	202001031802	PRITAM MONDAL		7	3	10	24
19	200431010507	202001031815	PRIYANKA KARMAKAR		7	3	10	24
20	200431010537	202001031849	RAJDEEP BAGDI		7	4	11	26
21	200431010713	202001032035	SHRABANI MONDAL		8	5	13	35
22	200431010853	202001032186	SUBHAJIT MONDAL		8	4	12	28
23	200431010864	202001032199	SUDIP BHANDARI		8	3	11	29
24	200431010903	202001032243	SUSANA HEMBROM		8	4	12	32
25	200431010909	202001032249	SWARUP GHOSH		6	3	9	34
26	200431010926	202001032268	TASKIYA SIDDIQUE		6	3	9	32
27	200431010933	202001032277	UDIP RABI DAS		7	4	11	22

*Abhitya Mondal*  
*Balika Sangini*



Suri Vidyasagar College (Morning Shift)  
**Core Course :- PEDG (Health Education, Physical Fitness and Wellness)**  
**Sem.:IV '2022**

Sl. No	Roll No.	Registration No	Student Name	Shift	Practical	Total Marks 20
1	200431010028	202001031305	AKASH BAGDI			14
2	200431010046	202001031323	ANANDA DAS			14
3	200431010056	202001031333	ANJAN SIL			14
5	200431010059	202001031336	ANKAN BHAKAT			13
6	200431010075	202001031353	ARPITA CHATTERJEE			13
7	200431010094	202001031372	AYAN HARI MONDAL			16
8	200431010159	202001031441	CHAITALI MAHARA			15
9	200431010169	202001031452	CHITRANJIT MAZUMDAR			13
10	200431010170	202001031453	CHOTTU MAL			13
11	200431010186	202001031469	DEEP DAS			15
12	200431010237	202001031525	INDIRA HAZRA			15
13	200431010252	202001031541	JAYANTA MAL			14
14	200431010275	202001031568	KARTIK SAHA			15
15	200431010301	202001031595	KRISHANU MAL			15
16	200431010313	202001031608	LAXMI BHANDARI	Day		14
17	200431010452	202001031756	NITISH SARKAR			13
18	200431010495	202001031802	PRITAM MONDAL			14
19	200431010507	202001031815	PRIYANKA KARMAKAR			13
20	200431010537	202001031849	RAJDEEP BAGDI			15
21	200431010713	202001032035	SHRABANI MONDAL			15
22	200431010853	202001032186	SUBHAJIT MONDAL			15
23	200431010864	202001032199	SUDIP BHANDARI			13
24	200431010903	202001032243	SUSANA HEMBROM			13
25	200431010909	202001032249	SWARUP GHOSH			13
26	200431010926	202001032268	TASKIYA SIDDIQUE			13
27	200431010933	202001032277	UDIP RABI DAS			13

*Abhisa Mondal  
Baba Saugan*



Suri Vidyasagar College (Morning Shift)  
**SEC 2 :- PEDG (Gymnastics and Yoga)**  
**Sem.:IV '2022**

Sl. NO	Roll No.	Registration No	Student Name	Shift	Internal			Uni. Exam Marks
					C1	Atten.	Total	
1	200431010028	202001031305	AKASH BAGDI		6			
2	200431010046	202001031323	ANANDA DAS		7			
3	200431010159	202001031441	CHAITALI MAHARA		6			
4	200431010186	202001031469	DEEP DAS		9			
5	200431010237	202001031525	INDIRA HAZRA		6			
6	200431010252	202001031541	JAYANTA MAL		8			
7	200431010275	202001031568	KARTIK SAHA		6			
8	200431010313	202001031608	LAXMI BHANDARI	Day	7			
9	200431010495	202001031802	PRITAM MONDAL		8			
10	200431010713	202001032035	SHRABANI MONDAL		8			
11	200431010903	202001032243	SUSANA HEMBROM		8			
12	200431010926	202001032268	TASKIYA SIDDIQUE		8			
13	200431010933	202001032277	UDIP RABI DAS		7			

*Aditya Mondal.  
Rajendra Sanguin*



## Suri Vidyasagar College (Morning Shift)

## SEC 2 :- PEDG (Gymnastics and Yoga)

Sem.:IV '2022

Sl. NO	Roll No.	Registration No	Student Name	Shift	Practical	Total Marks 40
1	200431010028	202001031305	AKASH BAGDI			28
2	200431010046	202001031323	ANANDA DAS			28
3	200431010159	202001031441	CHAITALI MAHARA			30
4	200431010186	202001031469	DEEP DAS			32
5	200431010237	202001031525	INDIRA HAZRA			32
6	200431010252	202001031541	JAYANTA MAL			30
7	200431010275	202001031568	KARTIK SAHA			30
8	200431010313	202001031608	LAXMI BHANDARI	Day		26
9	200431010495	202001031802	PRITAM MONDAL			28
10	200431010713	202001032035	SHRABANI MONDAL			34
11	200431010903	202001032243	SUSANA HEMBROM			30
12	200431010926	202001032268	TASKIYA SIDDIQUE			26
13	200431010933	202001032277	UDIP RABI DAS			26

Aditya Mondal.  
Rabha Jangam

# SURI VIDYASAGAR COLLEGE

## Department of Physical Education

Internal Assignment

Total Marks: 10

Submission Date: 29/05/2023

### SEMESTER – II

COURSE CODE – CC1B

**PAPER: Management of Physical Education and Sports**

- ✓ Make a Project about Organizing Annual Athletic meet.

### SEMESTER – IV

**PAPER: health education, physical fitness and wellness.**

**Course code: CC1D**

- ✓ Make a project about Obesity (Non-Communicable Disease)

### SEMESTER – IV

**PAPER: Gymnastics and yoga**

**Course code: SEC-2**

- ✓ Make a project about many type of yoga posture on your syllabus.

**Suri Vidyasagar College (Morning Shift)**  
**Core Course :- PEDG (Anatomy, Physiology and Exercise Physiology)**  
**Sem.:III '2022, TOTAL MARKS- 20**

SI. NO	Roll No.	Registration No	Student Name	Total
1	210431010003	202101039464	ABDUR RAMIZ SADMANI	15
2	210431010008	202101039470	ABHRAJIT DAS	17
3	210431010024	202101039489	AKASH MAJI	16
4	210431010026	202101039493	AKSHAY MALAKAR	16
5	210431010027	202101039494	ALAPON CHATTERJEE	15
6	210431010043	202101039511	AMIT MAL	11
7	210431010077	202101039546	APARANHA DAS	11
8	210431010116	202101039592	ATIKA TASNIM	16
9	210431010119	202101039596	AVIJIT GHOSH	15
10	210431010120	202101039597	AVIJIT PAL	14
11	210431010123	202101039600	AYAN MONDAL	15
12	210431010153	202101039635	BHARATI GHOSH	15
13	210431010243	202101039739	DEV DAS	16
14	210431010305	202101039809	INDRAJIT SIKDAR	10
15	210431010359	202101039876	KARAN SHAW	14
16	210431010376	202101039899	KOUSHAL SHARMA	15
17	210431010378	202101039901	KOUSHIK DUTTA	14
18	210431010417	202101039946	MALABIKA BAGDI	14
19	210431010436	202101039967	MANOSANTI LOHAR	16
20	210431010445	202101039979	MD ASIF UDDIN	15
21	210431010456	202101039993	MD RABIUL ISLAM	15
22	210431010492	202101040032	MONGALDIP BITTAR	14
23	210431010513	202101040057	MRINMOY MONDAL	15
24	210431010568	202101040117	NILAM HEMBROM	14
25	210431010583	202101040134	PALLAB BHANDARI	14
26	210431010619	202101040174	POMMY BHAKAT	18
27	210431010626	202101040185	PRASENJIT MONDAL	16
28	210431010637	202101040200	PRIYA DAS	15
29	210431010715	202101040289	RANA GARAI	13
30	210431010867	202101040470	SASTHI DAS	14
31	210431010868	202101040471	SASTHI SAHA	14
32	210431010884	202101040488	SAYAN SARKAR	16
33	210431010885	202101040489	SAYANTAN SINGHA	15
34	210431010900	202101040506	SHARMILA DEY	18
35	210431010906	202101040512	SHILA MAHARA	18
36	210431010907	202101040513	SHILA PAL	18

37	210431010940	202101040549	SIMA SHARMA	<b>15</b>
38	210431011087	202101040732	SUBHAJIT HORO	<b>15</b>
39	210431011089	202101040734	SUBHAM BAURI	<b>15</b>
40	210431011094	202101040740	SUBHANKAR RAJAK	<b>14</b>
41	210431011135	202101040791	SUMI DALUI	<b>AB</b>
42	210431011137	202101040792	SUMIT BASAK	<b>14</b>
43	210431011138	202101040793	SUMIT DAS	<b>15</b>
44	210431011154	202101040810	SURAJIT BAGDI	<b>15</b>
45	210431011192	202101040856	TAPU GHOSH	<b>18</b>
46	210431011200	202101040869	TORSHA MAL	<b>15</b>
47	210431011203	202101040874	TUHINA KHATUN	<b>15</b>

**Suri Vidyasagar College (Morning Shift)****SEC 1 :- PEDG (Track and Field)****Sem.:III '2022, TOTAL MARKS- 40**

<b>SI. NO</b>	<b>Roll No.</b>	<b>Registration No</b>	<b>Student Name</b>	<b>Intrnal Marks</b>
1	210431010024	202101039489	AKASH MAJI	26
2	210431010026	202101039493	AKSHAY MALAKAR	30
3	210431010027	202101039494	ALAPON CHATTERJEE	32
4	210431010077	202101039546	APARANHA DAS	29
5	210431010119	202101039596	AVIJIT GHOSH	29
6	210431010123	202101039600	AYAN MONDAL	31
7	210431010153	202101039635	BHARATI GHOSH	35
8	210431010243	202101039739	DEV DAS	32
9	210431010359	202101039876	KARAN SHAW	31
10	210431010376	202101039899	KOUSHAL SHARMA	29
11	210431010436	202101039967	MANOSANTI LOHAR	32
12	210431010513	202101040057	MRINMOY MONDAL	31
13	210431010583	202101040134	PALLAB BHANDARI	29
14	210431010626	202101040185	PRASENJIT MONDAL	31
15	210431010637	202101040200	PRIYA DAS	30
16	210431010884	202101040488	SAYAN SARKAR	31
17	210431010885	202101040489	SAYANTAN SINGHA	32
18	210431011087	202101040732	SUBHAJIT HORO	31
19	210431011138	202101040793	SUMIT DAS	29
20	210431011203	202101040874	TUHINA KHATUN	34

**Suri Vidyasagar College (Morning Shift)****Core Course :- PEDG (Tests, Measurements and Evaluation in Physical Education)****Sem:V '2022, TOTAL MARKS- 10+5= 15**

SI. NO	Roll No.	Registration No	Student Name	C1	Atten.	Total
1	200431010028	202001031305	AKASH BAGDI	8	4	12
2	200431010046	202001031323	ANANDA DAS	7	4	11
3	200431010056	202001031333	ANJAN SIL	9	4	13
4	200431010059	202001031336	ANKAN BHAKAT	9	3	12
5	200431010075	202001031353	ARPITA CHATTERJEE	4	4	8
6	200431010094	202001031372	AYAN HARI MONDAL	10	3	13
7	200431010159	202001031441	CHAITALI MAHARA	10	4	14
8	200431010169	202001031452	CHIRANJIT MAZUMDER	6	3	9
9	200431010170	202001031453	CHOTTU MAL	6	3	9
10	200431010186	202001031469	DEEP DAS	10	4	14
11	200431010237	202001031525	INDIRA HAZRA	10	4	14
12	200431010252	202001031541	JAYANTA MAL	9	4	13
13	200431010275	202001031568	KARTIK SAHA	10	3	13
14	200431010301	202001031595	KRISHANU MAL	9	4	13
15	200431010313	202001031608	LAXMI BHANDARI	9	3	12
16	200431010452	202001031756	NITISH SARKAR	3	3	6
17	200431010495	202001031802	PRITAM MONDAL	6	3	9
18	200431010507	202001031815	PRIYANKA KARMAKAR	3	4	7
19	200431010537	202001031849	RAJDEEP BAGDI	10	4	14
20	200431010713	202001032035	SHRABANI MONDAL	10	4	14
21	200431010853	202001032186	SUBHAJIT MONDAL	8	4	12
22	200431010864	202001032199	SUDIP BHANDARI	8	3	11
23	200431010903	202001032243	SUSANA HEMBROM	7	3	10
24	200431010909	202001032249	SWARUP GHOSH	10	4	14
25	200431010926	202001032268	TASKIYA SIDDIQUE	5	3	8



**Suri Vidyasagar College (Morning Shift)**  
**GE 1 :- PEDG (Modern Trends in Physical Education and Sports Science**  
**Sem.:V'2022, TOTAL MMARKKS- 10+5=15**

Sl. NO	Roll No.	Registration No	Student Name	C1	Atten.
1	190431010324	201901031652	MAMPI PAL	10	3
2	200431010020	202001031297	ADITYA SHARMA	10	3
3	200431010021	202001031298	ADWAITYA SAHA	5	3
4	200431010040	202001031317	AMILA AYESHA	6	3
5	200431010064	202001031341	ANUP ANKUR	4	3
6	200431010067	202001031344	APARNA DAS	9	4
7	200431010082	202001031360	ASIMA KHATUN	5	3
8	200431010085	202001031364	ASMINA KHATUN	4	3
9	200431010098	202001031375	AYESHA KHATUN	5	3
10	200431010107	202001031385	BADSHA CHOWDHURY	5	3
11	200431010115	202001031395	BASUDAM BADYAKAR	4	3
12	200431010116	202001031396	BEAUTY DHIBAR	6	3
13	200431010119	202001031399	BHAGYASHREE DAS	9	3
14	200431010123	202001031403	BIJAY BAGDI	9	3
15	200431010127	202001031408	BIKROM MONDAL	6	3
16	200431010132	202001031413	BIPADTARAN DOM	5	3
17	200431010135	202001031416	BIPLAB SINGHA	4	3
18	200431010138	202001031419	BISHAL BHANDARI	8	3
19	200431010168	202001031451	CHINMOY BAURI	7	3
20	200431010171	202001031454	CHOUDHURY AYESA SULTANA	5	3
21	200431010174	202001031457	DALIA KHATUN	4	3
22	200431010205	202001031491	FATEMA KHATUN	4	3
23	200431010213	202001031499	GOBINDA DAS	8	3
24	200431010221	202001031509	GOPINATH HEMBROM	5	3
25	200431010223	202001031511	GOURAB DAS	6	3
26	200431010236	202001031524	INDIRA DHIBAR	9	3
27	200431010238	202001031526	INDRAJIT MONDAL	6	3
28	200431010241	202001031530	IZAZ HASSAN	4	3
29	200431010249	202001031538	JAYANTA ANKUR	8	3
30	200431010255	202001031544	JAYNAL ABEDIN	4	3
31	200431010285	202001031578	KEYA KHATUN	8	3
32	200431010294	202001031588	KINGSUK GARAIN	4	3
33	200431010299	202001031593	KOUSHIK DEY	8	3
34	200431010312	202001031607	LAKSHMI MURMU	6	3

35	<b>200431010318</b>	202001031613	LUTFUL SHAH	5	3
36	<b>200431010326</b>	202001031621	MALEKUDDIN KHAN	4	3
37	<b>200431010331</b>	202001031627	MANAB MONDAL	3	3
38	<b>200431010348</b>	202001031648	MD AMIN NASHEED	6	3
39	<b>200431010354</b>	202001031654	MD INTAJUR RAHAMAN	4	3
40	<b>200431010362</b>	202001031663	MD SAIFUL ISLAM	4	3
41	<b>200431010381</b>	202001031682	MOJAHIDUL ANSARI	7	3
42	<b>200431010388</b>	202001031689	MONOJEET MONDAL	4	3
43	<b>200431010391</b>	202001031693	MOSTUR RAHAMAN MONDAL	4	3
44	<b>200431010395</b>	202001031697	MOUMITA GHOSH	8	3
45	<b>200431010402</b>	202001031703	MOUSUMI DAS	5	3
46	<b>200431010405</b>	202001031707	MOUSUMI SAHA	9	3
47	<b>200431010408</b>	202001031710	MUBEENA CHOWDHURY	4	3
48	<b>200431010415</b>	202001031718	NABAKISHORE DOME	6	3
49	<b>200431010427</b>	202001031733	NASRIN KHATUN	4	3
50	<b>200431010434</b>	202001031738	NAYANIKA ROY	6	3
51	<b>200431010439</b>	202001031743	NEHA GORAIN	9	3
52	<b>200431010451</b>	202001031755	NISHA MAHARA	7	3
53	<b>200431010461</b>	202001031766	OMPRAKASH SINGH	4	3
54	<b>200431010462</b>	202001031767	PALASH BITTAR	9	3
55	<b>200431010469</b>	202001031775	PAPU BHANDARY	5	3
56	<b>200431010473</b>	202001031779	PARIKSHIT GARAI	10	5
57	<b>200431010482</b>	202001031788	PIYA DAS	9	3
58	<b>200431010484</b>	202001031790	PIYAS MONDAL	9	3
59	<b>200431010487</b>	202001031794	PRADIP KR SHARMA	4	3
60	<b>200431010497</b>	202001031804	PRITHWISH SAHA	9	3
61	<b>200431010514</b>	202001031824	PUJA MUKHERJEE	9	3
62	<b>200431010518</b>	202001031828	PURNIMA DHIBAR	5	3
63	<b>200431010521</b>	202001031831	PUSPA BANERJEE	7	3
64	<b>200431010534</b>	202001031845	RAJ KUMAR JADAB	7	3
65	<b>200431010536</b>	202001031847	RAJ LOHAR	8	3
66	<b>200431010554</b>	202001031866	RANA KAHAR	6	3
67	<b>200431010556</b>	202001031869	RANJAN MAHATO	6	3
68	<b>200431010557</b>	202001031870	RANJAN MAL	7	3
69	<b>200431010565</b>	202001031877	RENU KHATUN	9	3
70	<b>200431010591</b>	202001031904	RIYA KUNDU	9	3
71	<b>200431010601</b>	202001031915	ROZI KHATUN	9	3
72	<b>200431010605</b>	202001031919	RUMA THANDAR	6	3
73	<b>200431010615</b>	202001031930	SABINA YEASMIN	4	3

74	<b>200431010635</b>	202001031951	SAIFUL ISLAM	4	3
75	<b>200431010644</b>	202001031961	SALMA SUHANA	4	3
76	<b>200431010668</b>	202001031987	SANIYA AKTHAR	4	3
77	<b>200431010674</b>	202001031994	SANOWARA KHATUN	8	3
78	<b>200431010703</b>	202001032024	SHILPA GARAI	8	3
79	<b>200431010720</b>	202001032042	SHUVOJEET MONDAL	5	3
80	<b>200431010740</b>	202001032064	SK ARIF	4	3
81	<b>200431010741</b>	202001032066	SK ASRAFUL HAQUE	2	3
82	<b>200431010743</b>	202001032068	SK BABAR ALI	2	3
83	<b>200431010745</b>	202001032070	SK BADRUL AMIN	2	3
84	<b>200431010757</b>	202001032082	SK KABERUL ALI	6	3
85	<b>200431010759</b>	202001032084	SK KAIF	6	3
86	<b>200431010762</b>	202001032088	SK MIJANUR RAHAMAN	8	3
87	<b>200431010768</b>	202001032094	SK MOTIUR RAHAMAN	5	3
88	<b>200431010773</b>	202001032099	SK NAJMUL HAQUE	4	3
89	<b>200431010785</b>	202001032111	SK RAHUL	4	3
90	<b>200431010787</b>	202001032114	SK RAMJAN	4	3
91	<b>200431010788</b>	202001032115	SK RASHIDUL ISLAM	6	3
92	<b>200431010795</b>	202001032123	SK SAHIN ABBAS	10	3
93	<b>200431010797</b>	202001032125	SK SAIDUL	2	3
94	<b>200431010802</b>	202001032130	SK SAMIRUL HAQUE	9	3
95	<b>200431010804</b>	202001032133	SK SARIFUL ISLAM	4	3
96	<b>200431010854</b>	202001032187	SUBHAM SUTRADHAR	7	3
97	<b>200431010861</b>	202001032196	SUCHATA DAS	10	3
98	<b>200431010868</b>	202001032203	SUFIYA KHATUN	5	3
99	<b>200431010870</b>	202001032205	SUHANA KHATUN	8	3
100	<b>200431010882</b>	202001032220	SUMAN MONDAL	6	3
101	<b>200431010883</b>	202001032221	SUMANTA BAGDI	6	3
102	<b>200431010894</b>	202001032233	SUPRITI BHANDARI	6	3
103	<b>200431010924</b>	202001032266	TANWI CHAKRABORTY	9	3
104	<b>200431010936</b>	202001032282	UMA BAGDI	9	3
105	<b>200431010950</b>	202001032297	ZYASMIN KHATUN	9	3

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**Suri Vidyasagar College (Morning Shift)**  
**SEC 3 :- PEDG (Indian Games - Kho-Kho)**  
**Sem.:V'2022, TOTAL MARKS- 10**

Sl. NO	Roll No.	Registration No	Student Name	C1	Total
1	200431010059	202001031336	ANKAN BHAKAT	8	<b>8</b>
2	200431010056	202001031333	ANJAN SIL	9	<b>9</b>
3	200431010075	202001031353	ARPITA CHATTERJEE	4	<b>4</b>
4	200431010094	202001031372	AYAN HARI MONDAL	9	<b>9</b>
5	200431010169	202001031452	CHIRANJIT MAZUMDER	8	<b>8</b>
6	200431010170	202001031453	CHOTTU MAL	6	<b>6</b>
7	200431010301	202001031595	KRISHANU MAL	7	<b>7</b>
8	200431010452	202001031756	NITISH SARKAR	7	<b>7</b>
9	200431010507	202001031815	PRIYANKA KARMAKAR	4	<b>4</b>
10	200431010537	202001031849	RAJDEEP BAGDI	8	<b>8</b>
11	200431010853	202001032186	SUBHAJIT MONDAL	7	<b>7</b>
12	200431010864	202001032199	SUDIP BHANDARI	8	<b>8</b>
13	200431010909	202001032249	SWARUP GHOSH	10	<b>10</b>

<b>Suri Vidyasagar College (Morning Shift)</b>				
<b>Core Course :- PEDG (Tests, Measurements and Evaluation in Physical Education)</b>				
<b>Sem:V '2022, PRACTICAL EXAM, TOTAL MARKS - 20</b>				
<b>Sl. NO</b>	<b>Roll No.</b>	<b>Registration No</b>	<b>Student Name</b>	<b>TOTAL MARKS</b>
1	200431010028	202001031305	AKASH BAGDI	15
2	200431010046	202001031323	ANANDA DAS	16
3	200431010056	202001031333	ANJAN SIL	16
4	200431010059	202001031336	ANKAN BHAKAT	16
5	200431010075	202001031353	ARPITA CHATTERJEE	15
6	200431010094	202001031372	AYAN HARI MONDAL	17
7	200431010159	202001031441	CHAITALI MAHARA	17
8	200431010169	202001031452	CHIRANJIT MAZUMDER	15
9	200431010170	202001031453	CHOTTU MAL	15
10	200431010186	202001031469	DEEP DAS	16
11	200431010237	202001031525	INDIRA HAZRA	17
12	200431010252	202001031541	JAYANTA MAL	19
13	200431010275	202001031568	KARTIK SAHA	16
14	200431010301	202001031595	KRISHANU MAL	16
15	200431010313	202001031608	LAXMI BHANDARI	17
16	200431010452	202001031756	NITISH SARKAR	16
17	200431010495	202001031802	PRITAM MONDAL	15
18	200431010507	202001031815	PRIYANKA KARMAKAR	15
19	200431010537	202001031849	RAJDEEP BAGDI	16
20	200431010713	202001032035	SHRABANI MONDAL	17
21	200431010853	202001032186	SUBHAJIT MONDAL	16
22	200431010864	202001032199	SUDIP BHANDARI	17
23	200431010903	202001032243	SUSANA HEMBROM	16
24	200431010909	202001032249	SWARUP GHOSH	17
25	200431010926	202001032268	TASKIYA SIDDIQUE	16

**Suri Vidyasagar College (Morning Shift)**  
**SEC 3 :- PEDG (Indian Games - Kho-Kho)**  
**Sem.:V'2022, SEC-3 INTERNAL EXAM, TOTAL MARKS- 40**

<b>Sl. NO</b>	<b>Roll No.</b>	<b>Registration No</b>	<b>Student Name</b>	<b>TOTAL NUM.</b>
1	200431010059	202001031336	ANKAN BHAKAT	<b>33</b>
2	200431010056	202001031333	ANJAN SIL	<b>35</b>
3	200431010075	202001031353	ARPITA CHATTERJEE	<b>29</b>
4	200431010094	202001031372	AYAN HARI MONDAL	<b>30</b>
5	200431010169	202001031452	CHIRANJIT MAZUMDER	<b>32</b>
6	200431010170	202001031453	CHOTTU MAL	<b>34</b>
7	200431010301	202001031595	KRISHANU MAL	<b>30</b>
8	200431010452	202001031756	NITISH SARKAR	<b>AB</b>
9	200431010507	202001031815	PRIYANKA KARMAKAR	<b>30</b>
10	200431010537	202001031849	RAJDEEP BAGDI	<b>31</b>
11	200431010853	202001032186	SUBHAJIT MONDAL	<b>32</b>
12	200431010864	202001032199	SUDIP BHANDARI	<b>33</b>
13	200431010909	202001032249	SWARUP GHOSH	<b>34</b>



# SURI VIDYASAGAR COLLEGE

(Govt. Sponsored & Constituent college of the University of Burdwan)

SURI, BIRBHUM, PIN – 731101, Ph. No. – 03462-255504

Website : [surividyasagarcollege.org.in](http://surividyasagarcollege.org.in), e-mail: : [surividyasagarcollege1942@gmail.com](mailto:surividyasagarcollege1942@gmail.com)

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Department of Physics, Suri Vidyasagar College

# **SURI VIDYASAGAR COLLEGE**



## **CONTINUOUS ASSESSMENT REPORT**

**Department of Physics**

**2018-2023**

## **ASSESSMENT REPORT 2018-19**

3 Classes:

a:Sem 1,2

b:Sem 3,4

c: 3rd yr Hons

a:

Univ. Roll Code: 180331000

<b>Sl</b>	<b>Name of Students</b>	<b>Number</b>	<b>Base Level Test (10)</b>	<b>1st Term(10)</b>	<b>2nd Term(10)</b>
1	Santu Datta	088	5	4	5
2	Farhin Sultana	039	4	5	6
3	Himadri Das	041	6	4	6
4	Debasmita Chatterjee	033	5	4	5
5	Sk. Anowar	100	6	4	7
6	Sk. Tajimul Islam	102	4	6	6
7	Rakesh Dhara	072	6	5	6
8	Soumya Chatterjee	104	6	5	6
9	Sreyashee Dutta	096	7	4	5
10	Md. Asif Mollah	054	6	5	6
11	Debaditya Panja	032	6	5	5
12	Rana Pratap Singha	074	5	4	6



b:

Univ Roll Code: 170331000

<b>Sl</b>	<b>Name of Students</b>	<b>Number</b>	<b>Base Level Test(10)</b>	<b>1st Term(10)</b>	<b>2nd Term(10)</b>
1	Gouranga Mondal	061	5	6	6
2	Madhumita Paul	057	4	5	7
3	Md. Nurul Hasan	066	5	6	6
4	Sk Rajibul Islam	107	4	6	6
5	Sumit Rooj	127	4	6	6
6	Mahasweta Marandi	061	5	5	6

c:

<b>Sl</b>	<b>Name of Students</b>	<b>Class Roll</b>	<b>Base Level Test(10)</b>	<b>1st Term(10)</b>	<b>2nd Term(10)</b>
1	Raja Roy	0003	5	6	6
2	Sk Taufisuddin	0009	4	5	6
3	Loknath Mukherjee	0012	4	7	6
4	Somnath Choudhury	0015	4	5	6
5	Rudranarayan Choudhury	0024	5	5	6
6	Nasrin Akhtar	0130	4	5	6
7	Mrinmoy Saha	0133	5	6	5
8	Somnath Mal	0142	4	6	6
9	Subham Chaudhury	0284	4	5	6
10	SankhaShiva Mondal	0221	5	6	7
11	Kaushik Sarkar	0083	4	5	6
12	Meghnath Sadhu	0077	5	6	7
13	Camelia Mondal	0152	5	6	6
14	Sajid Ali	0128	4	7	6
15	Indrajit Sen	0185	4	7	7
16	Chirasmita Konai	0203	6	6	6
17	Aranya Nath	0182	5	6	5
18	Debapriya Ghosh	0158	4	5	6
19	Suranjan Das	0033	5	6	6
20	Choudhuri Golam Mohirdi	0173	4	5	6

21	Newton Khan	0282	5	6	6
22	Subhajit Mondal	0260	5	5	6
23	Bhagobot Paul	0234	4	5	6
24	Rahul Mondal	0111	5	5	5

## **ASSESSMENT REPORT 2019-20**

\* **Due to Corona Pandemic Offline Classes were suspended from 16.3.2020 to 15.11.21**

3 Classes:

a: Sem 1,2

b: Sem 3,4

c: Sem 5,6

a

Univ Roll Code: 190331000

<b>Sl</b>	<b>Name of Students</b>	<b>Number</b>	<b>Base Level Test(10)</b>	<b>1st Test (10)</b>	<b>2nd Test (10)</b>
1	Apurba Mondal	012	4	6	6
2	Ashiqur Rahaman	019	4	6	7
3	Rathin Mondal	021	5	6	7
4	Biswajit Ghosh	027	4	7	6
5	Dip Kundu	034	4	6	7
6	Loknath Dutta	048	5	6	6
7	Rafiatunnesa Begum	067	5	6	6
8	Sk Zahedur Rahaman	093	4	5	7
9	Sougata chakraborty	096	5	6	6

b

Univ Roll Code: 18033100

<b>Sl</b>	<b>Name of Students</b>	<b>Number</b>	<b>Base Level Test (10)</b>	<b>Test 1 (10)</b>	<b>Test 2 (10)</b>
1	Santu Datta	004	5	6	6
2	Farhin Sultana	012	4	6	6
3	Himadri Das	016	4	6	7
4	Debasmita Chatterjee	018	5	7	6
5	Sk. Anowar	033	5	7	6
6	Sk. Tajimul Islam	040	5	6	5
7	Rakesh Dhara	043	4	6	6
8	Soumya Chatterjee	051	5	6	6
9	Sreyashee Dutta	106	4	5	5
10	Md. Asif Mollah	183	5	6	6
11	Debaditya Panja	229	5	6	6
12	Rana Pratap Singha	235	5	6	5

c

Univ Roll Code: 170331000

<b>Sl</b>	<b>Name of Students</b>	<b>Number</b>	<b>Base Level Test(10)</b>	<b>Test 1 (10)</b>	<b>Test 2 (10)</b>
1	Gouranga Mondal	044	5	7	6
2	Madhumita Paul	057	5	6	6
3	Md. Nurul Hasan	066	4	6	7
4	Sk Rajibul Islam	107	5	7	6
5	Sumit Rooj	127	5	6	7
6	Mahasweta Marandi	061	4	6	6



## **\*ASSESSMENT REPORT 2020-21**

**\* Due to Corona Pandemic Offline Classes were suspended from 16.3.2020 to 15.11.21**

All Tests are in Online mode

3 Classes:

a:Sem 1,2 : b:Sem 3,4 : c: Sem 5,6

c

Univ Roll Code: 200331000

<b>Sl</b>	<b>Name of Students</b>	<b>Number</b>	<b>Test 1(10)</b>	<b>Test 2(10)</b>	<b>Test 3(10)</b>
1	Anuj Konar	009	7	8	8
2	Arnab Das	013	7	7	8
3	Diptesh Saha	029	6	8	8
4	Itisha Sadhu	036	7	8	8
5	Pradipta Das	057	7	8	8
6	Priyanka Ankur	065	7	7	7
7	Ranajit Mukherjee	071	7	8	8
8	Rimpa Chandra	074	7	8	8
9	Rittik Roshan Singha	076	6	7	7
10	Ronal Murmu	080	7	7	7
11	Sk Sanowar	097	7	8	8
12	Swapnil Roy	112	8	8	7
13	Taraknath Let	115	7	8	7

b

Univ Roll Code: 190331000

<b>Sl</b>	<b>Name of Students</b>	<b>Number</b>	<b>Test 1 (10)</b>	<b>Test 2 (10)</b>	<b>Test 3 (10)</b>
1	Apurba Mondal	012	7	8	8
2	Ashiqur Rahaman	019	7	8	8
3	Rathin Mondal	021	7	8	7
4	Biswajit Ghosh	027	8	8	8
5	Dip Kundu	034	8	8	7
6	Loknath Dutta	048	7	8	8
7	Rafiatunnesa Begum	067	7	7	8
8	Sk Zahedur Rahaman	093	8	7	8
9	Sougata Chakraborty	096	7	8	8

c

Univ Roll Code:180331000

<b>Sl</b>	<b>Name of Students</b>	<b>Number</b>	<b>Test 1 (10)</b>	<b>Test 2 (10)</b>	<b>Test 3 (10)</b>
1	Santu Datta	088	7	7	8
2	Farhin Sultana	039	8	7	8
3	Himadri Das	041	8	8	8
4	Debasmita Chatterjee	033	8	7	7
5	Sk. Anowar	100	7	7	8
6	Sk. Tajimul Islam	102	7	7	8
7	Rakesh Dhara	072	8	8	8
8	Soumya Chatterjee	104	8	7	7
9	Sreyashee Dutta	096	7	7	8
10	Md. Asif Mollah	054	8	8	8
11	Debaditya Panja	032	8	7	8
12	Rana Pratap Singha	074	7	8	8

## **\*MENTORING REPORT 2021-22**

**\* Due to Corona Pandemic Offline Classes were suspended from 16.3.2020 to 15.11.21,  
3.1.22 to 2.2.22**

3 Classes:

a:Sem 1,2

b:Sem 3,4

c: Sem 5,6

a:

Univ Roll Code: 210331000

<b>Sl</b>	<b>Name of Students</b>	<b>Number</b>	<b>Test 1 (10)</b>	<b>Test 2 (10)</b>	<b>Test 3 (10)</b>
1	Arindam Garain	010	7	8	8
2	Saheli Pal	061	7	7	6
3	Sahinur Rahaman	062	8	8	7
4	Souvik Chattopadhyay	069	7	7	8

b

Univ Roll Code: 200331000

<b>Sl</b>	<b>Name of Students</b>	<b>Number</b>	<b>Test 1 (10)</b>	<b>Test 2 (10)</b>	<b>Test 3 (10)</b>
1	Anuj Konar	009	7	8	8
2	Arnab Das	013	8	8	7
3	Diptesh Saha	029	8	8	7
4	Itisha Sadhu	036	7	7	8
5	Pradipta Das	057	7	8	8
6	Priyanka Ankur	065	7	7	8
7	Ranjit Mukherjee	071	7	8	8
8	Rimpa Chandra	074	7	8	8
9	Rittik Roshan Singha	076	8	8	7
10	Ronal Murmu	080	8	7	7
11	Sk Sanowar	097	7	8	8
12	Swapnil Roy	112	7	8	7
13	Tarakanath Let	115	8	7	8

c

Univ Roll Code: 190331000

<b>Sl</b>	<b>Name of Students</b>	<b>Number</b>	<b>Test 1 (10)</b>	<b>Test 2 (10)</b>	<b>Test 3 (10)</b>
1	Apurba Mondal	012	7	7	8
2	Ashiqur Rahaman	019	7	8	8
3	Rathin Mondal	021	8	8	7
4	Biswajit Ghosh	027	7	7	8
5	Dip Kundu	034	7	7	8
6	Loknath Dutta	048	7	7	8
7	Rafiatunnesa Begum	067	8	7	7
8	Sk Zahedur Rahaman	093	7	7	8
9	Sougata chakraborty	096	7	8	8



## **MENTORING REPORT 2022-23**

3 Classes:

a:Sem 1,2

b:Sem 3,4

c: Sem 5,6

a:

Univ Roll Code: 220331000

<b>Sl</b>	<b>Name of Students</b>	<b>Number</b>	<b>Base Level Test (10)</b>	<b>Test 1 (10)</b>	<b>Test 2 (10)</b>
1	Anitesh Chattopadhyay	004	6	7	7
2	Baisakhi Sinha	017	5	6	6
3	Osman Gani	049	6	7	7
4	Sk Masud	078	6	7	7
5	Soumik Kundu	079	6	6	7
6	Sraboni Sarkar	084	5	6	6
7	Tabbasum Yasmin	092	5	6	6
8	Srijan Saha	122	6	7	7

b:

Univ Roll Code: 210331000

<b>Sl</b>	<b>Name of Students</b>	<b>Number</b>	<b>Base Level Test (10)</b>	<b>Test 1 (10)</b>	<b>Test 2 (10)</b>
1	Arindam Garain	010	7	7	7
2	Saheli Pal	061	6	7	7
3	Sahinur Rahaman	062	6	7	8
4	Souvik Chattopadhyay	069	6	7	7

c:

Univ Roll Code: 200331000

<b>Sl</b>	<b>Name of Students</b>	<b>Number</b>	<b>Base Level Test (10)</b>	<b>Test 1 (10)</b>	<b>Test 2 (10)</b>
1	Anuj Konar	009	5	7	7
2	Arnab Das	013	6	7	7
3	Diptesh Saha	029	6	7	6
4	Itisha Sadhu	036	5	6	7
5	Pradipta Das	057	6	7	7
6	Priyanka Ankur	065	6	6	7
7	Ranjit Mukherjee	071	7	7	6
8	Rimpa Chandra	074	6	6	7
9	Rittik Roshan Singha	076	6	7	6
10	Ronal Murmu	080	5	6	7
11	Sk Sanowar	097	6	7	6
12	Swapnil Roy	112	7	7	7
13	Tarakanath Let	115	6	7	7





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Department of Physiology, Suri Vidyasagar College

**THE UNIVERSITY OF BURDWAN**  
**Department of Controller of Examinations Marks Foil**  
**SURI VIDYASAGAR COLLEGE; College Code -310**

**UG Semester V Hons (CBCS) Examinations, 2023**

**Subject : PHYSIOLOGY**

Roll No	CC 11: Special Senses		CC 12: Endocrinology		DSE 1A: Biological Statistics		DSE 2B: Sports and Exercise Physiology	
	Practical (20)	Internal Assessment (15)	Practical (20)	Internal Assessment (15)	Practical (20)	Internal Assessment (15)	Practical (20)	Internal Assessment (15)
210331000004	19	15	18	15	19	15	19	15
210331000006	16	11	15	11	17	11	17	11
210331000007	18	13	16	13	18	13	17	13
210331000016	17	11	15	11	17	11	17	11
210331000020	18	14	15	14	18	14	17	14
210331000021	19	14	17	14	18	14	18	14
210331000023	20	15	18	15	20	15	20	15
210331000045	20	15	18	15	20	15	20	15
210331000049	19	14	18	14	18	14	18	14
210331000050	18	13	16	13	18	13	17	13
210331000052	19	15	19	15	20	15	20	15
210331000057	18	13	17	13	18	13	17	13
210331000059	AB	AB	AB	AB	AB	AB	AB	AB
210331000068	20	14	16	14	18	14	17	14

Name of Examiner		Signature of Examiner	
Dr. Amal Kumar Pari			
Dr. Deblina Ball			
Dr. Arijit Debnath			



**THE UNIVERSITY OF BURDWAN**  
**Department of Controller of Examinations**  
**Marks Foil**

**SURI VIDYASAGAR COLLEGE; College Code -310**

**UG Semester II Hons (CBCS) Examinations, 2023**

**Subject : PHYSIOLOGY (CC3 AND CC4)**

Roll No		CC3: Physiology of Nerve and Muscle Cells			CC4: Chemistry of Biomolecules		
		Theory	Practical	Internal Assessment	Theory	Practical	Internal Assessment
210331000053			18	15		20	15
220331000019			17	15		19	15
220331000020			16	13		18	14
220331000060			16	13		16	14
220331000077			13	12		16	13
220331000088			18	15		18	15
220331000090			12	12		12	12
220331000093			12	13		16	13

Name of the Examiner (Paperwise)		
Paper Code	Name of Examiner	Signature of Examiner
CC3: Physiology of Nerve and Muscle Cells	Dr. Arijit Debnath	
CC4: Chemistry of Biomolecules	Dr. Amal Kumar Pari	
	Dr. Deblina Ball	

**THE UNIVERSITY OF BURDWAN**  
**Department of Controller of Examinations Marks Foil**  
**SURI VIDYASAGAR COLLEGE; College Code -310**

UG Semester III Hons (CBCS) Examinations, 2023

Subject : PHYSIOLOGY

Roll No	CC8: Energy Balance, Metabolism and Nutrition			CC9: Gastrointestinal Functions			CC10: Respiration			SEC2B: Hematological Techniques	
	Theory (40)	Practical (20)	Internal Assessm'nt (15)	Theory (40)	Practical (20)	Internal Assessm'nt (15)	Theory (40)	Practical (20)	Internal Assessm'nt (15)	Theory (40)	Internal Assessm'nt (10)
210331000004		19	15		19	15		18	15	37	10
210331000006		17	11		16	12		17	11	27	7
210331000007		19	13		17	13		18	13	33	8
210331000016		18	11		17	12		17	11	30	7
210331000020		17	12		15	12		18	12	37	7
210331000021		18	13		18	12		18	13	33	7
210331000023		19	15		20	15		19	15	35	10
210331000045		19	15		20	15		19	15	38	10
210331000049		18	13		18	13		18	13	35	8
210331000050		18	13		18	13		18	13	35	9
210331000052		19	15		18	15		18	15	34	10
210331000057		18	12		18	11		18	12	36	7
210331000059		18	14		17	14		18	14	35	8
210331000068		18	13		19	13		19	13	35	8
	<b>Paper Code</b>			<b>Name of Examiner</b>			<b>Signature of Examiner</b>				
	CC8: Energy Balance, Metabolism and Nutrition			Dr. Amal Kumar Pari							
	CC9: Gastrointestinal Functions			Dr. Deblina Ball							
	CC10: Respiration			Dr. Arijit Debnath							
	SEC2B: Hematological Techniques										

**THE UNIVERSITY OF BURDWAN**  
**Department of Controller of Examinations**  
**Marks Foil**

**SURI VIDYASAGAR COLLEGE; College Code -310**

**UG Semester I Gen/Generic (CBCS) Examinations, 2022**

**Subject : PHYSIOLOGY (CC1A/GE1)**

Roll No		CC1A/GE1: Cellular Physiology, Biophysics, Biochemistry of Biomolecules					
		Theory	Practical	Internal Assessment			
220331000033			20	15			
220631010001			18	14			
220631010005			18	14			
220631010010			17	13			
220631010012			16	12			
220631010013			17	13			
220631010016			16	13			
220631010020			17	13			
220631010029			Ab	Ab			
220631010033			Ab	Ab			
220631010036			15	12			

Name of the Examiner (Paperwise)		
Paper Code	Name of Examiner	Signature of Examiner
CC1A/GE1: Cellular Physiology, Biophysics, Biochemistry of Biomolecules	Mrs Nupur Paul	

**THE UNIVERSITY OF BURDWAN**  
**Department of Controller of Examinations Marks Foil**  
**SURI VIDYASAGAR COLLEGE; College Code -310**

UG Semester III Gen/Generic (CBCS) Examinations, 2023

Subject : PHYSIOLOGY (CC1D/GE4)

Roll No	CC1D: Endocrinology, Renal Physiology, skin and Body Temperature Regulation						SEC2B: Hematological Techniques			
	Theory (40)	Practical (20)	Internal Assessm'nt (15)						Theory (40)	Internal Assessm'nt (10)
210331000005		19	14							
210331000008		19	14							
210331000026		17	13							
210331000031		16	14							
210331000056		15	13							
210331000073		19	15							
210631000006		13	12							
210631000008		AB	AB							
210631000012		16	10							
210631000015		13	12							
210631000016		16	10							
210631000019		17	14							
<b>Paper Code</b>				<b>Name of Examiner</b>			<b>Signature of Examiner</b>			
CC1D: Endocrinology, Renal Physiology, skin and Body Temperature Regulation				Mrs. Haimanti Chatterjee						

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 SURI VIDYASAGAR COLLEGE; College Code -310

UG Semester VI **General** (CBCS) Examinations, 2023

Subject : PHYSIOLOGY

Roll No	DSE-1B : Reproductive Physiology			SEC-IVB: Environmental Physiology	
	Theory (40)	Practical (20)	Internal Assessm't (15)	Theory (40)	Internal Assessm't (10)
200631010001		18	14		8
200631010002		17	14		9
200631010010		19	14		9
200631010013		18	14		9
200631010014		18	14		9
200631010016		16	11		7
200631010020		15	11		7
200631010021		17	12		7
200631010023		15	12		7
200631010024		19	15		9
200631010028		17	14		8
200631010029		18	12		8
200631010030		19	15		9
200631010031		17	11		7

Paper Code	Name of Examiner	Signature
DSE1B : Reproductive Physiology	Mrs Nupur Paul	
SEC-IVB: Environmental Physiology	Mrs Nupur Paul	

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SURI VIDYASAGAR COLLEGE; College Code -310

UG Semester VI Hons (CBCS) Examinations, 2023

Subject : PHYSIOLOGY

Roll No	CC 13: Reproduction			CC 14: Formation and Excretion of Urine			DSE 3A: Human Nutrition and Dietetics			DSE 4A: Toxicology		
	Theory (40)	Practical (20)	Internal Assessm't (15)	Theory (40)	Practical (20)	Internal Assessm't (15)	Theory (40)	Practical (20)	Internal Assessm't (15)	Theory (40)	Practical (20)	Internal Assessm't (15)
200331000010		17	10		17	12		17	12		16	12
200331000015		16	12		16	12		17	13		15	13
200331000016		16	11		16	13		15	13		16	12
200331000024		17	12		17	13		17	13		15	13
200331000034		18	15		18	15		19	15		18	15
200331000046		18	11		18	13		17	13		15	13
200331000047		16	10		15	12		16	12		14	12
200331000048		16	10		16	12		17	12		14	11
200331000052		19	15		19	15		19	15		19	15
200331000106		19	15		18	15		19	15		19	15
200331000107		18	13		18	15		17	15		18	15
200331000114		17	13		18	15		19	14		17	15

Paper Code	Name of Examiner	Signature of Examiner
CC 13: Reproduction	Dr. Deblina Ball	
CC 14: Formation and Excretion of Urine	Dr. Arijit Debnath	
DSE 3A: Human Nutrition and Dietetics	Dr. Amal Kumar Pari	
DSE 4A: Toxicology	Dr. Arijit Debnath	



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**SURI VIDYASAGAR COLLEGE; College Code -310**

**UG Semester II Gen (CBCS) Examinations, 2023**

**Subject : PHYSIOLOGY (CC1B/GE2)**

Roll No		CC1B: Digestion and Metabolism					
		Theory	Practical	Internal Assessment			
220631010001			18	14			
220631010005			AB	AB			
220631010010			17	14			
220631010012			AB	AB			
220631010013			17	13			
220631010016			14	14			
220631010020			17	14			
220631010029			AB	AB			
220631010033			AB	AB			
220631010036			AB	AB			
220331000033			19	14			
<b>Name of the Examiner (Paperwise)</b>							
<b>Paper Code</b>		<b>Name of Examiner</b>			<b>Signature of Examiner</b>		
CC1B/GE2: Digestion and Metabolism		Mrs. Nupur Paul					

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SURI VIDYASAGAR COLLEGE; College Code -310

UG Semester IV GEN (CBCS) Examinations, 2022

Subject : PHYSIOLOGY

Roll No	Name	CC1D: Endocrine system, Renal Physiology, Skin and Regulation of Body Temperature			SEC2: Molecular Biology/Social Physiology			
		Theory (40)	Practical (20)	Internal Assessment (15)	Theory (40)	Internal Assessment (10)		
200331000003	ABU TAHER SK	30	15	13	No Script	No Script		
200331000011	ARINDAM BHANDARI	31	18	14				
200331000012	ARJUN MAL	25	16	13				
200331000025	DEEPANWIT CHATTERJEE	24	11	13				
200331000033	GOURANGA DHAI	28	12	13				
200331000044	MARUFA NASRIN	31	12	14				
200331000068	RAJIB BHALLA	24	13	12				
200331000081	SABNAM PARVIN	30	17	13				
200331000090	SHATABDI BISHNU	29	16	13				
200331000093	SHREYASI MONDAL	27	18	13				
200331000111	SURANJANA SINHA	31	18	14				
200631010001	AISHWARYA MITRA	24	16	14				
200631010002	ANKITA MANDAL	25	15	15				
200631010010	DEBANJANA GUPTA	26	17	14				
200631010013	FIRDOUS AHAMMAD KHAN	26	16	12				
200631010014	INDRANIL MAL	26	16	13				
200631010016	KAZI SAHIL RAHAMAN	No Script	No Script	No Script			24	7
200631010020	MD IMRAN NAJIR	23	16	12			No Script	No Script
200631010021	MEHERUNNESA KHATUN	29	18	13				
200631010023	NASRUL MOLLA	25	12	13				
200631010024	NAZIMUDDIN ANSARI	28	17	14				
2.00631E+11	ROBIN DAS	No Script	No Script	13				
200631010028	SRIMANTA PAL	28	17	13				
200631010029	SUMAIYA NASRIN	29	16	12				
200631010030	SUNDARAM MAZUMDER	30	17	14				
200631010031	TANMAY BHANDARI	24	16	13				
<b>Name of the Examiner (Paperwise)</b>								
<b>Paper Code</b>		<b>Name of Examiner</b>		<b>Signature of Examiner</b>				
CC1D: Endocrine system, Renal Physiology, Skin and Regulation of Body Temperature		Miss Haimanti Chatterjee						
SEC2: Molecular Biology/Social Physiology		Mrs Nupur Paul						

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 SURI VIDYASAGAR COLLEGE; College Code -310  
 UG Semester VI Hons (CBCS) Examinations, 2022 Subject : PHYSIOLOGY

Roll No	CC13: Reproduction			CC14: Formation and Excretion of Urine			DSE3A: Human Nutrition and Dietetics			DSE4A: Toxicology		
	Theory (40)	Practical (20)	InternalAssessment (15)	Theory (40)	Practical (20)	InternalAssessment (15)	Theory (40)	Practical (20)	InternalAssessment (15)	Theory (40)	Practical (20)	InternalAssessment (15)
190331000002		19	15		19	15		19	15		19	15
190331000004		16	13		15	13		16	13		16	13
190331000006		16	13		15	12		16	12		16	12
190331000007		17	13		18	14		17	13		17	13
190331000021		17	13		15	13		17	13		17	13
190331000033		19	15		19	15		19	15		19	15
190331000040		18	14		18	14		18	15		18	15
190331000061		17	13		16	13		17	14		17	14
190331000074		19	15		18	15		16	15		18	15
190331000080		18	14		17	14		17	14		17	14
190331000110		16	13		17	13		16	13		16	13

*Rebina Ball*  
 Head  
 Department of Physiology  
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 Suri, Burdwan

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**SURI VIDYASAGAR COLLEGE; College Code -310**

**UG Semester I Hons (CBCS) Examinations, 2022**

**Subject : PHYSIOLOGY (CC1 AND CC2)**

Roll No		CC1: Cellular Basis of Physiology			CC2: Biological Physics and Enzyme		
		Theory	Practical	Internal Assessment	Theory	Practical	Internal Assessment
220331000019			19	15		19	15
220331000020			19	13		19	14
220331000060			17	13		17	14
220331000077			14	12		15	13
220331000088			19	15		19	15
220331000090			13	12		14	12
220331000093			10	13		13	13

Name of the Examiner (Paperwise)		
Paper Code	Name of Examiner	Signature of Examiner
CC1: Cellular Basis of Physiology	Dr. Amal Kumar Pari	
CC2: Biological Physics and Enzyme	Dr. Arijit Debnath	

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 Department of Controller of Examinations Marks Foil  
 SURI VIDYASAGAR COLLEGE; College Code -310  
 UG Semester V Hons (CBCS) Examinations, 2021 Subject : PHYSIOLOGY

Roll No	CC 11: Special Senses			CC 12: Endocrinology			DSE 1A: Biological Statistics			DSE 2B: Sports and Exercise Physiology		
	Theory (40)	Practical (20)	InternalAssessment (15)	Theory (40)	Practical (20)	InternalAssessment (15)	Theory (40)	Practical (20)	InternalAssessment (15)	Theory (40)	Practical (20)	InternalAssessment (15)
190331000002	33	19	15	34	19	15	38	19	15	37	19	15
190331000004	26	16	13	23	15	13	30	16	13	29	16	13
190331000006	29	16	13	25	15	12	29	16	12	29	16	12
190331000007	29	17	13	29	18	14	31	17	13	32	17	13
190331000021	28	17	13	25	15	13	33	17	13	32	17	13
190331000033	33	19	15	32	19	15	37	19	15	37	19	15
190331000040	32	18	14	30	18	14	32	18	15	33	18	15
190331000061	29	17	13	27	16	13	29	17	14	29	17	14
190331000074	31	19	15	27	18	15	36	18	15	35	18	15
190331000080	34	19	15	31	19	15	37	18	15	36	18	15
190331000110	30	16	13	32	17	13	30	16	13	32	16	13



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**SURI VIDYASAGAR COLLEGE; College Code -310**

**UG Semester I Hons (CBCS) Examinations, 2021**

**Subject : PHYSIOLOGY (CC1 AND CC2)**

Roll No		CC1:cellular Basis of Physiogy			CC2:Biological Physics and Enzymes		
		Theory	Practical	Internal Assessment	Theory	Practical	Internal Assessment
210331000004	Ananya Mukherjee	36	19	15	36	19	15
210331000006	Ankita Chatterjee	34	18	15	35	18	15
210331000007	Ankita Nandi	33	18	14	35	18	15
210331000016	Asima Banerjee	33	17	14	35	18	14
210331000020	Bidisha Banerjee	32	17	14	36	18	14
210331000021	Bishamvar Salui	33	18	14	35	18	14
210331000023	Chayan Ghosh	34	18	14	36	18	14
210331000042	Mosammat Ruksana Khatun	18	8	13	26	15	12
210331000045	Pathik Mondal	36	19	15	38	18	15
210331000049	Priyabrata Dey	27	18	14	37	18	14
210331000050	Rajlakshmi Bhattacharya	32	17	14	32	18	14
210331000052	Rima Parvin	37	19	15	36	17	15
210331000053	Ritayan Thakur	36	19	15	37	17	15
210331000057	Rohit Pal	27	18	14	36	18	14
210331000059	Sabiha Khatun	34	19	14	34	18	15
210331000068	Soumyajit Pal	36	19	15	36	17	15

*Qubla Ball*  
**Head**  
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**Burduwan**



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Department of Controller of Examinations Marks Foil

SURI VIDYASAGAR COLLEGE; College Code -310

UG Semester IV Hons (CBCS) Examinations, 2021

Subject : PHYSIOLOGY

Roll No	CC 8: ENERGY BALANCE, METABOLISM, AND NUTRITION	CC 9: GASTROINTESTINAL FUNCTION	CC 10: RESPIRATION	SEC 2B: HEMATOLOGICAL TECHNIQUES
	Internal Assessment	Internal Assessment	Internal Assessment	Internal Assessment
190331000002	15	15	15	10
190331000004	13	13	13	9
190331000006	13	12	12	8
190331000007	13	13	13	9
190331000021	13	13	13	8
190331000033	15	15	15	10
190331000040	13	14	14	10
190331000047	13	13	14	9
190331000061	13	13	14	9
190331000074	15	15	15	10
190331000080	15	15	15	10
190331000110	13	13	13	9

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**Department of Controller of Examinations**  
**Marks Foil**  
**SURI VIDYASAGAR COLLEGE; College Code -310**

UG Semester I Hons (CBCS) Examinations, 2020

Subject : PHYSIOLOGY (CC1 AND CC2)

Roll No	CC1:cellular Basis of Physiogy			CC2:Biological Physics and Enzymes		
	Theory	Practical	Internal Assessment	Theory	Practical	Internal Assessment
190331000021	32	18	13	32	17	13
200331000010	30	18	13	29	18	13
200331000015	31	17	12	36	17	12
200331000016	31	16	13	31	16	12
200331000024	34	17	13	28	16	13
200331000034	33	18	13	33	18	13
200331000046	29	18	11	32	18	11
200331000047	32	18	13	29	18	13
200331000048	36	18	13	33	18	12
200331000052	37	19	14	37	19	14
200331000106	31	18	13	35	18	13
200331000107	35	18	13	35	18	13
200331000109	30	18	13	30	18	13
200331000113	24	17	11	23	15	11
200331000114	36	18	14	33	17	14

*Deblina Ball.*  
**Head**  
**Department of Physiology**  
**Suri Vidyasagar College**  
**Suri, Burdham**

**SURI VIDYASAGAR COLLEGE**  
**SEM 4 (CBCS) EXAMINATION 2020**

**Dept.: Dept. of PHYSIOLOGY**  
**Marks Obtained in Internal Assessment 2020**

**Physiology General:**

Sl No	Roll No	Name	Marks Obtained in Paper-CC1D (5+5+5=15)	Marks Obtained in Paper-SEC2 (5+5=10)
1	180331000013	ARINDAM MONDAL	13	8
82	180331000014	ARITRA KAIBARTYA	13	8
3	180331000027	BISWAJIT BAGDI	13	8
4	180331000044	JYOTIRMOY SAHA	13	8
5	180331000048	KHONDEKAR TARIK AZIZ	12	9
6	180331000052	MANISHA HANSDA	14	8
7	180331000065	PAYEL GARAI	14	8
8	180331000083	RUBINA KHATUN	14	8
9	180331000084	RUPA PAL	13	9
10	180331000091	SAROWAL SK	12	8
11	180331000111	SUBHANKAR BAL	14	8
12	180631010003	ANUSHA MANDAL	14	8
13	180631010005	ASTIK GHOSH	13	8
14	180631010006	AVISEK MONDAL	13	8
15	180631010007	BAISHALI KHAG	13	8
16	180631010009	DIP RANJAN DAS	13	8
17	180631010011	ISMATARA KHATUN	13	8
18	180631010013	KAZI HAMIMA YESMIN	13	9
19	180631010015	MANDRITA MONDAL	14	9
20	180631010016	MD ASIF MOLLA	13	8
21	180631010021	PRIYOTOSH MONDAL	14	9
22	180631010024	RINKY PARVIN	15	10
23	180631010025	RIPAN GHOSH	14	8
24	180631010026	RITIKA BHAKAT	14	8
25	180631010027	ROHAN MAZUMDAR	13	9
26	180631010029	ROMEN LET	14	9
27	180631010030	SAIDUL ISLAM	15	10
28	180631010031	SANJITA MONDAL	14	9
29	180631010034	SK AL AMIN	13	9
30	180631010036	SOMNATH GARAI	13	8
31	180631010037	SOMWRITA ROY	14	8
32	180631010038	SOUMITRA DAS	12	9
33	180631010041	SUBHENDU PAUL	14	9

*Debtina Ball*  
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**SURI VIDYASAGAR COLLEGE**  
**SEM 2 (CBCS) EXAMINATION 2020**

**Dept.: Dept. of PHYSIOLOGY**  
**Marks Obtained in Internal Assessment 2020**

**Physiology General:**

Sl No	Roll No	Name	Marks Obtained (5+5+5=15)
1	180631010023	RAJA NAWAZ SHA	12
2	190631010002	ARATI SINGH	14
3	190631010004	BEAUTI MANDAL	14
4	190631010009	KOUSTUVA MONDAL	15
5	190631010010	MD MOBARAK HOSSAIN	12
6	190631010011	MD NUR ALAM	14
7	190631010012	NASIM AKTER MOLLAH	13
8	190631010013	NASRIN FATEMA	14
9	190631010014	PALLABI CHATTERJEE	13
10	190631010017	RONI MONDAL	13
11	190631010018	RUPANJANA BISHNU	15
12	190631010019	SAHANA KHATUN	13
13	190631010021	SARTAZ CHOWDHURY	12

*Deblina Ball.*  
**Head  
Department of Physiology  
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Suri, Birbhum**

**SURI VIDYASAGAR COLLEGE**  
**SEM 4 (CBCS) EXAMINATION 2020**

**Dept.: Dept. of PHYSIOLOGY**  
**Marks Obtained in Internal Assessment 2020**

**Physiology Hons:**

Sl No	Name	Roll No	Marks Obtained			
			Paper: CC-8 (5+5+5=15)	Paper: CC-9 (5+5+5=15)	Paper: CC-10 (5+5+5=15)	Paper: SEC2 (5+5+5=15)
1	180331000005	Agniswar Banerjee	15	15	15	10
2	180331000025	Bikram Bhandari	13	12	13	7
3	180331000040	Gopinath Mukherjee	15	15	15	10
4	180331000068	Pritikana Mondal	13	14	13	9
5	180331000075	Ranadhir Gain	13	12	13	8
6	180331000103	Somnath Mondal	14	14	14	9
7	180331000108	Subhabrata Acharya	15	15	15	10
8	180331000109	Subhadra Mal	13	14	13	9
9	180331000124	Trishan Garai	15	15	15	10

*Deblina Ball.*  
**Head  
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Suri, Birbhum**

**SURI VIDYASAGAR COLLEGE**  
**SEM 2 (CBCS) EXAMINATION 2020**

**Dept.: Dept. of PHYSIOLOGY**  
**Marks Obtained in Internal Assessment 2020**

**Physiology Hons:**

Sl No	Roll No	Name	Marks Obtained	
			Paper: CC-3 (5+5+5=15)	Paper: CC-4 (5+5+5=15)
1	190331000002	ABHISHEK GHOSHAL	15	15
2	190331000004	AKASH MAL	13	13
3	190331000006	ANIK MUKHOPADHYAY	15	15
4	190331000007	ANIMESH CHATTERJEE	13	13
5	190331000021	ATIKA BEGUM	13	13
6	190331000033	DIBYENDU BHATTACHARYYA	15	15
7	190331000040	INDRANIL DAS	13	14
8	190331000047	KUSUM PAN	13	13
9	190331000049	MD AMANULLA	12	13
10	190331000061	POLY FULMALI	13	13
11	190331000074	RINKU MONDAL	15	15
12	190331000080	SADIA FIRDOS	15	15
13	190331000110	TITHI MUNSHI	13	13

*Deblina Ball.*  
**Head**  
**Department of Physiology**  
**Suri Vidyasagar College**  
**Suri, Birbhum**



**THE UNIVERSITY OF BURDWAN**  
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**SURI VIDYASAGAR COLLEGE; College Code -310**

**UG Semester III Gen/Generic (CBCS) Examinations, 2020**

**General:**

Roll No	Name	Regt. No.	Roll No	CC-1C/GE3:Respiratory And Cardiovascular Physiology		SEC1: (1a: Pharmacology 1b: Biostatistics)	
				Internal Assessment	Theory	Internal Assessment	Theory
1	Arati Singh	201901032458	190631010002	14	20		
2	Beuti Mandal	201901032460	190631010004	14	19		
3	Koustuva Mondal	201901032466	190631010009	15	19		
4	Md Mobarak Hossain	201901032467	190631010010	13	17		
5	Md Nur Alam	201901032468	190631010011	15	20		
6	Nasim Akter Mollah	201901032470	190631010012	13	18		
7	Nasrin Fatema	201901032471	190631010013	14	19		
8	Pallabi Chatterjee	201901032459	190631010014	13	18		
9	Roni Mondal	201901032477	190631010017	Ab	Ab		
10	Rupanjana Bishnu	201901032478	190631010018	15	20		
11	Sahana Khatun	201901032479	190631010019	12	16		
12	Sartaz Choudhury	201901032481	190631010021	13	16		
13	Raja Nawaz Sha	201801034416	180631010023	12	16		
No candidate for SEC1							

**Generic**

Roll No	Name	Regt. No.	Roll No	CC-1C/GE3:Respiratory And Cardiovascular Physiology	
				Internal Assessment	Theory
1	Arup Mal	201901032361	190331000018	13	30
2	Dittu Kundu	201901032380	190331000035	12	29
3	Kalol Lohar	201901032387	190331000042	12	25
4	Sudipa Roy	201901032449	190331000103	15	36
5	Hasna Zeba	201901032383	190331000038	14	35
6	Kripali Mondal	201901032388	190331000043	14	32

*Deblina Ball.*  
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Suri, Burdwan

**THE UNIVERSITY OF BURDWAN**  
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**SURI VIDYASAGAR COLLEGE; College Code -310**

**UG Semester III Hons (CBCS) Examinations, 2020**

**Subject : PHYSIOLOGY**

Roll No	CC5: Circulating Body Fluids			CC6: Circulation			CC7: Functions of the Nervous System			SEC 1A: Detection of Food Additives/ Adulterants	
	Theory	Practical	Internal Assessment	Theory	Practical	Internal Assessment	Theory	Practical	Internal Assessment	Theory	Internal Assessment
190331000002	19	38	15	37	19	15	35	18	15	37	10
190331000004	18	34	13	24	15	13	25	15	13	28	9
190331000006	18	35	15	32	15	15	29	16	15	29	10
190331000007	19	34	13	26	17	13	26	16	13	30	9
190331000021	18	35	13	34	16	13	29	16	13	32	8
190331000033	19	37	15	36	18	15	32	18	15	36	10
190331000040	19	36	13	26	17	14	27	17	13	31	10
190331000047	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab
190331000049	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab
190331000061	18	34	13	28	17	13	28	16	14	30	9
190331000074	19	37	15	37	19	15	35	19	15	37	10
190331000080	19	37	15	36	18	15	34	19	15	36	10
190331000110	18	33	13	29	17	13	29	17	13	30	9

*Deblina Baid.*





# SURI VIDYASAGAR COLLEGE

SEM 6 (CBCS) EXAMINATION 2020

Dept.: Dept. of PHYSIOLOGY

**Core Course: CC13**

Sl. No.	Student Name	Class Roll No.	University Roll No.	Total Internal Marks	Marks Obtained			
					C-1	C-2	Att'dance	Total
1	Apsana Khatun	253	170331000018	15	4	5	5	<b>14</b>
2	Imtiaz seikh	116	170331000046	15	5	4	5	<b>14</b>
3	Jayita Pal	60	170331000049	15	Ab	Ab	-	-
4	Kiran Datta	164	170331000053	15	4	4	5	<b>13</b>
5	Mangalmoy Halder	77	170331000063	15	4.5	4.5	5	<b>14</b>
6	Paramita Mondal	256	170331000075	15	5	4	5	<b>14</b>
7	Soumyadip Mukhopadhyay	84	170331000111	15	5	4.5	5	<b>14.5</b>
8	Souvik Mondal	129	170331000120	15	4.5	4.5	5	<b>14</b>

**Core Course: CC14**


Sl. No.	Student Name	Class Roll No.	University Roll No.	Total Internal Marks	Marks Obtained			
					C-1	C-2	Att'dance	Total
1	Apsana Khatun	253	170331000018	15	4	4	5	<b>13</b>
2	Imtiaz seikh	116	170331000046	15	4.5	5	5	<b>14.5</b>
3	Jayita Pal	60	170331000049	15	Ab	Ab	0	-
4	Kiran Datta	164	170331000053	15	4	4	5	<b>13</b>
5	Mangalmoy Halder	77	170331000063	15	4.5	4.5	5	<b>14</b>
6	Paramita Mondal	256	170331000075	15	5	4	5	<b>14</b>
7	Soumyadip Mukhopadhyay	84	170331000111	15	4.5	5	5	<b>14.5</b>
8	Souvik Mondal	129	170331000120	15	5	5	5	<b>15</b>

## Core Course: DSE-3A

Sl. No.	Student Name	Class Roll No.	University Roll No.	Total Internal Marks	Marks Obtained			
					C-1	C-2	Att'dance	Total
1	Apsana Khatun	253	170331000018	15	4.5	4.5	5	<b>14</b>
2	Imtiaz seikh	116	170331000046	15	4.5	4.5	5	<b>14</b>
3	Jayita Pal	60	170331000049	15	Ab	Ab	0	-
4	Kiran Datta	164	170331000053	15	4	4	5	<b>13</b>
5	Mangalmoy Halder	77	170331000063	15	4	4	5	<b>13</b>
6	Paramita Mondal	256	170331000075	15	4	4	5	<b>13</b>
7	Soumyadip Mukhopadhyay	84	170331000111	15	5	5	5	<b>15</b>
8	Souvik Mondal	129	170331000120	15	5	5	5	<b>15</b>

## Core Course: DSE-4A

Sl. No.	Student Name	Class Roll No.	University Roll No.	Total Internal Marks	Marks Obtained			
					C-1	C-2	Att'dance	Total
1	Apsana Khatun	253	170331000018	15	4	4	5	<b>13</b>
2	Imtiaz seikh	116	170331000046	15	4.5	5	5	<b>14.5</b>
3	Jayita Pal	60	170331000049	15	Ab	Ab	0	-
4	Kiran Datta	164	170331000053	15	4.5	4.5	5	<b>14</b>
5	Mangalmoy Halder	77	170331000063	15	5	4.5	5	<b>14.5</b>
6	Paramita Mondal	256	170331000075	15	5	4.5	5	<b>14.5</b>
7	Soumyadip Mukhopadhyay	84	170331000111	15	4.5	4.5	5	<b>14</b>
8	Souvik Mondal	129	170331000120	15	4.5	5	5	<b>14.5</b>

  
10-09-20  
Head  
Department of Physiology  
Sri Acharya College  
Sri, Birbhum

**UNIVERSITY OF BURDWAN**  
 Department of Controller of Examinations  
 Marks Foil  
**SURI VIDYASAGAR COLLEGE; College Code:310**  
**UG Semester V Gen (CBCS) Examinations, 2020**  
**Subject : PHYSIOLOGY**

University Roll no.	DSE 1A: Nerve Muscle Physiology			SEC IIIA: Microbiology	
	Theory	Practical	Internal Assessment	Theory	Internal Assessment
180631010003	21	17	14	29	14
180631010005	23	18	12	29	13
180631010006	21	17	13	31	13
180631010007	29	16	15	33	14
180631010009	22	18	14	31	15
180631010011	26	15	14	27	14
180631010013	22	19	14	31	14
180631010015	26	18	14	32	13
180631010016	18	17	12	28	12
180631010021	20	18	15	33	14
180631010024	23	20	15	34	15
180631010025	16	18	12	28	12
180631010026	22	18	14	33	14
180631010027	19	17	13	31	14
180631010029	17	19	13	28	14
180631010030	16	20	15	31	15
180631010031	21	18	15	34	14
180631010034	15	18	14	30	14
180631010036	22	17	14	30	15
180631010037	21	20	15	34	15
180631010038	18	18	12	30	14
180631010041	21	19	14	34	14

*Deblina Ball.*  
**Head**  
**Department of Physiology**  
**Suri Vidyasagar College**  
**302, Burdwan**



# SURI VIDYASAGAR COLLEGE

SEM I (CBCS) EXAMINATION 2019

Dept.: Dept. of PHYSIOLOGY

**Core Course: CC1**

Sl. No.	Student Name	Class Roll No.	University Roll No.	Total Internal Marks	Marks Obtained			
					C-1	C-2	Att'dance	Total
1	ABHISHEK GHOSHAL	218	190331000002	15	4	5	5	14
2	AKASH MAL	217	190331000004	15	3.5	2.5	3	9
3	ANIK MUKHOPADHYAY	216	190331000006	15	3.5	3.5	3	10
4	ANIMESH CHATTERJEE	225	190331000007	15	2.5	4.5	5	12
5	ATIKA BEGUM	215	190331000021	15	4	3	4	11
6	DIBYENDU BHATTACHARYYA	226	190331000033	15	4	4	5	13
7	INDRANIL DAS	228	190331000040	15	3	3	4	10
8	KUSUM PAN	268	190331000047	15	4	3	4	11
9	MD AMANULLA	266	190331000049	15	3	3.5	4	10.5
10	POLY FULMALI	219	190331000061	15	3	3	5	11
11	RINKU MONDAL	227	190331000074	15	4	5	5	14
12	SADIA FIRDOS	224	190331000080	15	8	3.5	5	16.5
13	TITHI MUNSHI	221	190331000110	15	3	3.5	5	11.5

**Core Course: CC2**

Sl. No.	Student Name	Class Roll No.	University Roll No.	Total Internal Marks	Marks Obtained			
					C-1	C-2	Att'dance	Total
1	ABHISHEK GHOSHAL	218	190331000002	15	5	4.5	5	14.5
2	AKASH MAL	217	190331000004	15	3	4	3	10
3	ANIK MUKHOPADHYAY	216	190331000006	15	5	5	3	13
4	ANIMESH CHATTERJEE	225	190331000007	15	4	3.5	5	12.5
5	ATIKA BEGUM	215	190331000021	15	5	5	4	14
6	DIBYENDU BHATTACHARYYA	226	190331000033	15	4	3.5	5	12.5
7	INDRANIL DAS	228	190331000040	15	4	4	4	12
8	KUSUM PAN	268	190331000047	15	2.5	2.5	4	9
9	MD AMANULLA	266	190331000049	15	3	2.5	4	9.5

10	POLY FULMALI	219	190331000061	15	2.5	3	5	10.5
11	RINKU MONDAL	227	190331000074	15	5	5	5	15
12	SADIA FIRDOS	224	190331000080	15	5	5	5	15
13	TITHI MUNSHI	221	190331000110	15	4.5	5	5	14.5

**SURI VIDYASAGAR COLLEGE**

SEM III (CBCS) EXAMINATION 2019

Dept.: Dept. of PHYSIOLOGY

**Core Course: CC5**

Sl. No.	Student Name	Class Roll No.	University Roll No.	Total Internal Marks	Marks Obtained			
					C-1	C-2	Att'dance	Total
1	Agniswar Banerjee	1	180331000005	15	5	4.5	5	14.5
2	Bikram Bhandari	222	180331000025	15	2	3.5	2	7.5
3	Gopinath Mukherjee	108	180331000040	15	5	4.5	5	14.5
4	Nourin Aziz Tahomina	19	180331000062	15	3.5	0	2	5.5
5	Pritikana Mondal	226	180331000068	15	5	4.5	2	11.5
6	Ranadhir Gain	46	180331000075	15	4	3.5	2	9.5
7	Somnath Mondal	116	180331000103	15	4.5	4.5	4	13
8	Subhabrata Acharya	223	180331000108	15	5	4.5	5	14.5
9	Subhadra Mal	101	180331000109	15	3.5	4	2	9.5
10	Trishan Garai	152	180331000124	15	4.5	5	5	14.5

**Core Course: CC6**

Sl. No.	Student Name	Class Roll No.	University Roll No.	Total Internal Marks	Marks Obtained			
					C-1	C-2	Att'dance	Total
1	Agniswar Banerjee	1	180331000005	15	4.5	4.5	5	14
2	Bikram Bhandari	222	180331000025	15	4	3.5	2	9.5
3	Gopinath Mukherjee	108	180331000040	15	4.5	4.5	5	14
4	Nourin Aziz Tahomina	19	180331000062	15	4	0	2	6
5	Pritikana Mondal	226	180331000068	15	4.5	4	2	10.5
6	Ranadhir Gain	46	180331000075	15	4.5	4.5	2	11
7	Somnath Mondal	116	180331000103	15	4.5	4.5	4	13
8	Subhabrata Acharya	223	180331000108	15	4.5	4.5	5	14
9	Subhadra Mal	101	180331000109	15	3.5	3.5	2	9
10	Trishan Garai	152	180331000124	15	5	4.5	5	14.5



**SURI VIDYASAGAR COLLEGE**

SEM 5 (CBCS) EXAMINATION 2019

Dept.: Dept. of PHYSIOLOGY

**Core Course: CC11**

Sl. No.	Student Name	Class Roll No.	University Roll No.	Total Internal Marks	Marks Obtained			
					C-1	C-2	Att'dance	Total
1	Apsana Khatun	253	170331000018	15	4	5	4	13
2	Imtiaz seikh	116	170331000046	15	5	5	5	15
3	Jayita Pal	60	170331000049	15	Ab	Ab	-	-
4	Kiran Datta	164	170331000053	15	4	3.5	4	11.5
5	Mangalmoy Halder	77	170331000063	15	5	4.5	5	14.5
6	Paramita Mondal	256	170331000075	15	5	5	5	15
7	Soumyadip Mukhopadhyay	84	170331000111	15	5	5	5	15
8	Souvik Mondal	129	170331000120	15	5	4.5	5	14.5

**Core Course: CC12**

Sl. No.	Student Name	Class Roll No.	University Roll No.	Total Internal Marks	Marks Obtained			
					C-1	C-2	Att'dance	Total
1	Apsana Khatun	253	170331000018	15	4.5	5	4	13.5
2	Imtiaz seikh	116	170331000046	15	4.5	4	5	13.5
3	Jayita Pal	60	170331000049	15	Ab	Ab	-	-
4	Kiran Datta	164	170331000053	15	4	5	4	13
5	Mangalmoy Halder	77	170331000063	15	4.5	4.5	5	14
6	Paramita Mondal	256	170331000075	15	5	5	5	15
7	Soumyadip Mukhopadhyay	84	170331000111	15	5	5	5	15
8	Souvik Mondal	129	170331000120	15	4	4.5	5	13.5

**Core Course: DSE1**

Sl. No.	Student Name	Class Roll No.	University Roll No.	Total Internal Marks	Marks Obtained			
					C-1	C-2	Att'dance	Total
1	Apsana Khatun	253	170331000018	15	5	5	4	14
2	Imtiaz seikh	116	170331000046	15	5	5	5	15
3	Jayita Pal	60	170331000049	15	Ab	Ab	-	-
4	Kiran Datta	164	170331000053	15	4.5	5	2	11.5
5	Mangalmoy Halder	77	170331000063	15	5	5	4	14
6	Paramita Mondal	256	170331000075	15	5	5	5	15
7	Soumyadip Mukhopadhyay	84	170331000111	15	5	5	5	15
8	Souvik Mondal	129	170331000120	15	5	5	5	15

**Core Course: DSE2**

Sl. No.	Student Name	Class Roll No.	University Roll No.	Total Internal Marks	Marks Obtained			
					C-1	C-2	Att'dance	Total
1	Apsana Khatun	253	170331000018	15	5	5	4	14
2	Imtiaz seikh	116	170331000046	15	4.5	4.5	5	14
3	Jayita Pal	60	170331000049	15	Ab	Ab	-	-
4	Kiran Datta	164	170331000053	15	4.5	4.5	4	13
5	Mangalmoy Halder	77	170331000063	15	5	4.5	5	14.5
6	Paramita Mondal	256	170331000075	15	5	5	5	15
7	Soumyadip Mukhopadhyay	84	170331000111	15	5	5	5	15
8	Souvik Mondal	129	170331000120	15	4.5	5	5	14.5

# SURI VIDYASAGAR COLLEGE

SEM II (CBCS) EXAMINATION 2018

Dept.: Dept. of PHYSIOLOGY

**Core Course: CC3**

Sl. No.	Student Name	Class Roll No.	University Roll No.	Total Internal Marks	Marks Obtained			
					C-1	C-2	Att'dance	Total
1	Agniswar Banerjee	1	180331000005	15	4.5	5	5	14.5
2	Bikram Bhandari	222	180331000025	15	2.5	3	2	7.5
3	Gopinath Mukherjee	108	180331000040	15	4.5	5	5	14.5
4	Nourin Aziz Tahomina	19	180331000062	15	3	3.5	4	10.5
5	Pritikana Mondal	226	180331000068	15	4.5	4	2	10.5
6	Rajdeep Roy	48	180331000070	15	2.5	3	2	7.5
7	Ranadhir Gain	46	180331000075	15	3.5	4	3	10.5
8	Somnath Mondal	116	180331000103	15	4	5	3	12
9	Subhabrata Acharya	223	180331000108	15	4.5	5	5	14.5
10	Subhadra Mal	101	180331000109	15	3.5	4.5	2	10
11	Suman Mondal	134	180331000118	15	3	3.5	2	8.5
12	Trishan Garai	152	180331000124	15	4.5	4.5	5	14

**Core Course: CC4**

Sl. No.	Student Name	Class Roll No.	University Roll No.	Total Internal Marks	Marks Obtained			
					C-1	C-2	Att'dance	Total
1	Agniswar Banerjee	1	180331000005	15	4.5	5	5	14.5
2	Bikram Bhandari	222	180331000025	15	3	3.5	2	8.5
3	Gopinath Mukherjee	108	180331000040	15	3.5	4	5	12.5
4	Nourin Aziz Tahomina	19	180331000062	15	4.5	5	3	12.5
5	Pritikana Mondal	226	180331000068	15	4	3.5	2	9.5
6	Rajdeep Roy	48	180331000070	15	2.5	2.5	2	7
7	Ranadhir Gain	46	180331000075	15	4	4	2	10
8	Somnath Mondal	116	180331000103	15	3.5	4	5	12.5
9	Subhabrata Acharya	223	180331000108	15	5	4.5	5	14.5
10	Subhadra Mal	101	180331000109	15	3.5	4	2	9.5
11	Suman Mondal	134	180331000118	15	2.5	2.5	2	7
12	Trishan Garai	152	180331000124	15	4	4.5	5	13.5



**SURI VIDYASAGAR COLLEGE**

SEM 3 (CBCS) EXAMINATION 2018

Dept.: Dept. of PHYSIOLOGY

**Core Course: CC5**

Sl. No.	Student Name	Class Roll No.	University Roll No.	Total Internal Marks	Marks Obtained			
					C-1	C-2	Att'dance	Total
1	Apsana Khatun	253	170331000018	15	5	5	4	14
2	Imtiaz seikh	116	170331000046	15	3.5	3.5	5	12
3	Jayita Pal	60	170331000049	15	5	5	5	15
4	Kiran Datta	164	170331000053	15	3.5	3.5	3	10
5	Mangalmoy Halder	77	170331000063	15	5	4	4	13
6	Paramita Mondal	256	170331000075	15	5	4	5	14
7	Soumyadip Mukhopadhyay	84	170331000111	15	4.5	4	4	12.5
8	Souvik Mondal	129	170331000120	15	5	4.5	5	14.5

**Core Course: CC6**

Sl. No.	Student Name	Class Roll No.	University Roll No.	Total Internal Marks	Marks Obtained			
					C-1	C-2	Att'dance	Total
1	Apsana Khatun	253	170331000018	15	4	4.5	4	12.5
2	Imtiaz seikh	116	170331000046	15	3.5	4	5	12.5
3	Jayita Pal	60	170331000049	15	5	5	5	15
4	Kiran Datta	164	170331000053	15	4	4	3	11
5	Mangalmoy Halder	77	170331000063	15	4.5	4.5	4	13
6	Paramita Mondal	256	170331000075	15	4	4.5	5	13.5
7	Soumyadip Mukhopadhyay	84	170331000111	15	4.5	4	4	12.5
8	Souvik Mondal	129	170331000120	15	4.5	5	5	14.5

**Core Course: CC7**

Sl. No.	Student Name	Class Roll No.	University Roll No.	Total Internal Marks	Marks Obtained			
					C-1	C-2	Att'dance	Total
1	Apsana Khatun	253	170331000018	15	4.5	4	4	12.5
2	Imtiaz seikh	116	170331000046	15	3	3.5	5	11.5
3	Jayita Pal	60	170331000049	15	4.5	5	5	14.5
4	Kiran Datta	164	170331000053	15	3.5	3.5	3	10
5	Mangalmoy Halder	77	170331000063	15	4	4	4	12
6	Paramita Mondal	256	170331000075	15	4	4	5	13
7	Soumyadip Mukhopadhyay	84	170331000111	15	4	4	4	12
8	Souvik Mondal	129	170331000120	15	4	4	5	13



**SURI VIDYASAGAR COLLEGE**

SEM 3 (CBCS) EXAMINATION 2018

**Dept.: Dept. of PHYSIOLOGY****Core Course: CC8**

Sl. No.	Student Name	Class Roll No.	University Roll No.	Total Internal Marks	Marks Obtained			
					C-1	C-2	Att'dance	Total
1	Apsana Khatun	253	170331000018	15	5	5	4	14
2	Imtiaz seikh	116	170331000046	15	4.5	4.5	5	14
3	Jayita Pal	60	170331000049	15	5	5	5	15
4	Kiran Datta	164	170331000053	15	3.5	3.5	2	9
5	Mangalmoy Halder	77	170331000063	15	5	5	4	14
6	Paramita Mondal	256	170331000075	15	4.5	4.5	5	14
7	Soumyadip Mukhopadhyay	84	170331000111	15	5	4	5	14
8	Souvik Mondal	129	170331000120	15	5	5	5	15

**Core Course: CC9**

Sl. No.	Student Name	Class Roll No.	University Roll No.	Total Internal Marks	Marks Obtained			
					C-1	C-2	Att'dance	Total
1	Apsana Khatun	253	170331000018	15	5	5	4	14
2	Imtiaz seikh	116	170331000046	15	4.5	4.5	5	14
3	Jayita Pal	60	170331000049	15	5	5	5	15
4	Kiran Datta	164	170331000053	15	3.5	4	2	9.5
5	Mangalmoy Halder	77	170331000063	15	5	5	4	14
6	Paramita Mondal	256	170331000075	15	4.5	4.5	5	14
7	Soumyadip Mukhopadhyay	84	170331000111	15	5	4	5	14
8	Souvik Mondal	129	170331000120	15	5	5	5	15

**Core Course: CC10**

Sl. No.	Student Name	Class Roll No.	University Roll No.	Total Internal Marks	Marks Obtained			
					C-1	C-2	Att'dance	Total
1	Apsana Khatun	253	170331000018	15	5	5	4	14
2	Imtiaz seikh	116	170331000046	15	4.5	4.5	5	14
3	Jayita Pal	60	170331000049	15	5	5	5	15
4	Kiran Datta	164	170331000053	15	4	3.5	2	9.5
5	Mangalmoy Halder	77	170331000063	15	5	5	4	14
6	Paramita Mondal	256	170331000075	15	4.5	5	5	14.5
7	Soumyadip Mukhopadhyay	84	170331000111	15	5	4.5	5	14.5
8	Souvik Mondal	129	170331000120	15	5	5	5	15

**Suri Vidyasagar College**

**C1and C2 Internal Assessment 2022**

**SEMESTER VI**

**Subject: Physiology (Hons).**

**Time : 1 Hr**

<b>CC13: Reproduction</b>	<b>FM=10</b>	<b>CC14: Formation and Excretion of Urine</b>	<b>FM=10</b>
<ol style="list-style-type: none"> <li>1. What is spermeogenesis?</li> <li>2. Write two important functions of testosterone.</li> <li>3. What is corpus albicans ?</li> <li>4. Describe oogenesis in a flow chart.</li> <li>5. What is LH surge ?</li> </ol>		<ol style="list-style-type: none"> <li>1. What is JGA?</li> <li>2. What do you mean by diuretics?</li> <li>3. What is nephritis?</li> <li>4. What do you mean by renal failure?</li> <li>5. What is micturition reflex?</li> </ol>	
<b>DSE3A: Human Nutrition and Dietetics</b>	<b>FM=10</b>	<b>DSE4A: Toxicology</b>	<b>FM=10</b>
<ol style="list-style-type: none"> <li>1. Mention any two methods of diet survey and also mention which method is more acceptable and why?</li> <li>2. What is ACU and what is its normal value?</li> <li>3. What are the importance of dietary fibre?</li> <li>4. What are BV and DC of protein?</li> <li>5. Write brief note on physiology of obesity.</li> </ol>		<ol style="list-style-type: none"> <li>1. What do you mean by LD<sub>50</sub> and ED<sub>50</sub>?</li> <li>2. What is biomagnification?</li> <li>3. What are teratogens? Give examples.</li> <li>4. What is MSG and how it acts as a food additive?</li> <li>5. Write the full form of DDT and DDE.</li> </ol>	

**Suri Vidyasagar College**

**C1 Internal Assessment 2022**

**SEMESTER V**

**Subject: Physiology (Hons).**

**Time : 1 Hr**

<b>CC11</b>	<b>FM=10</b>	<b>CC12</b>	<b>FM=10</b>	<b>DSE 1</b>	<b>FM=10</b>	<b>DSE 2</b>	<b>FM=10</b>
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<ol style="list-style-type: none"> <li>1. What do you mean by ageusia and hypogeusia?</li> <li>2. What do you mean by odorant binding protein?</li> <li>3. What do you mean by masking of sound?</li> <li>4. What do you mean by visual acuity?</li> <li>5. What is Argyll-Robertson Pupil?</li> </ol>	<ol style="list-style-type: none"> <li>1. Difference between IDDM and NIDDM.</li> <li>2. Write the characteristics of Hashimoto's disease.</li> <li>3. Write the effects of Cortisol on Carbohydrate and Fat metabolism</li> <li>4. Write the role of 1,25-Dihydroxycholecalciferol in promoting intestinal absorption of Calcium</li> <li>5. Write in brief one effect of Angiotensin in the kidneys to cause renal reabsorption of salt and water.</li> </ol>	<ol style="list-style-type: none"> <li>1. What is range ?</li> <li>2. Define positive skewness.</li> <li>3. Define binomial distribution.</li> <li>4. Find Mean and Mode -9, 10, 12, 13, 13, 13, 15, 15, 16, 16, 18, 22, 23, 24, 24, 25.</li> <li>5. What is variable ?</li> </ol>	<ol style="list-style-type: none"> <li>1. What is anaerobic respiration?</li> <li>2. What are positive, negative and zero work?</li> <li>3. What are ergogenic aids?</li> <li>4. What changes occurs in BP and HR during exercise.</li> <li>5. What is phosphagen system?</li> </ol>
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**Suri Vidyasagar College**

**C1 Internal Assessment 2022**

**SEMESTER III**

**Subject: Physiology (Hons).**

**Time : 1 Hr**

<b>CC5</b> <b>FM=10</b>	<b>CC6</b> <b>FM=10</b>	<b>CC7</b> <b>FM=10</b>	<b>SEC1</b> <b>FM=10</b>
<ol style="list-style-type: none"> <li>1. What do you mean by plasmapheresis?</li> <li>2. What is pernicious anemia?</li> <li>3. Write the definition and types of antigens presenting cells.</li> <li>4. What is purpura?</li> <li>5. What do you mean by erythroblastosis fetalis?</li> </ol>	<ol style="list-style-type: none"> <li>1. Name the special junctional tissues of heart.</li> <li>2. Mention Fick's principle for CO measurement.</li> <li>3. Name the peripheral baro and chemo receptors?</li> <li>4. Write brief notes on ballistocardiography?</li> <li>5. What is Einthoven's triangle?</li> </ol>	<ol style="list-style-type: none"> <li>1. What are Upper motor neurons and Lower motor neurons?</li> <li>2. Differentiate fast pain and slow pain.</li> <li>3. Define somnambulism.</li> <li>4. What is Babinski reflex ?</li> <li>5. Why REM sleep is known as paradoxical sleep ?</li> </ol>	<ol style="list-style-type: none"> <li>1. Mention two harmful effects of MSG.</li> <li>2. How additives are differ from adulterants?</li> <li>3. How presence of metanil yellow in food is detected?</li> <li>4. How do Bisphenol A affect food?</li> <li>5. Name food adulterants used in laddoo and sugar dust.</li> </ol>



**Suri Vidyasagar College**  
**Internal Assesment 2022**  
**SEMESTER IV**

**Subject: Physiology (Hons).**

**Time : 1 Hr**

<b>CC8</b>	<b>FM=10</b>	<b>CC9</b>	<b>FM=10</b>
<ol style="list-style-type: none"> <li>1) Describe one anaplerotic reactions of TCA cycle ?</li> <li>2) What os Carnitine shuttle system ?</li> <li>3) If electron transport chain is blocked, will TCA cycle work ? Explain your answer.</li> <li>4) What is ammonia toxicity? Mention sign and symptoms.</li> <li>5) Differentiate deamination and transamination.</li> </ol>		<ol style="list-style-type: none"> <li>1. Write any two important function of saliva.</li> <li>2. What is Portal triad?</li> <li>3. Name the bile acids and mention their function.</li> <li>4. Why trypsinogen is secreted by pancreas in an inactive form?</li> <li>5. Name the movements occurs in intestine? What is antiperistalsis?</li> </ol>	
<b>CC10</b>	<b>FM=10</b>	<b>SEC2B</b>	<b>FM=10</b>
<ol style="list-style-type: none"> <li>1. What is pulmonary surfactant?</li> <li>2. What do you mean by Bohr effect?</li> <li>3. Write the name of respiratory centers.</li> <li>4. What do you mean by respiratory acidosis?</li> <li>5. What do you mean by histotoxic hypoxia?</li> </ol>		<ol style="list-style-type: none"> <li>1. Define CT and BT.</li> <li>2. What is haematocrite value?</li> <li>3. What is the composition of Leishman Stain?</li> <li>4. What is anaemia and what is the normal level of Hb?</li> <li>5. What is the importance of SGOT?</li> </ol>	

**Suri Vidyasagar College**

**C1 Internal Assessment 2022**

**SEMESTER I**

**Subject: Physiology (Hons).**

**Time : 30 mins**

<b>CC1</b>	<b>CC2</b>
<p style="text-align: center;"><b>FM=10</b></p> <ol style="list-style-type: none"><li>1. What is Active transport? Give example of one such transport process.</li><li>2. What are Gap junctions?</li><li>3. Write about the structure of phospholipid with a diagram.</li><li>4. Write two causes of membrane asymmetry.</li><li>5. What is the significance of cholesterol in cell membrane?</li></ol>	<p style="text-align: center;"><b>FM=10</b></p> <ol style="list-style-type: none"><li>1. What is Km? What is its importance?</li><li>2. What is EC number ?</li><li>3. What do you mean by allosteric modulators?</li><li>4. What is isozyme? Give one example.</li><li>5. What do you mean by erythrocyte ghost?</li></ol>

**Suri Vidyasagar College**  
**Internal Assesment 2019**  
**SEMESTER IV**

**Subject: Physiology (Hons).**

**Time : 1 Hr**

<b>CC8</b>	<b>FM=10</b>	<b>CC9</b>	<b>FM=10</b>
1.What are ketone bodies? 2.What is acetyl CoA shuttle system? 3.What are EAA ? 4.Why electron transport chain is known as terminal respiration? 5.What are ketogenic amino acids??		1.What is xerostomia? 2.What is Jaundice 3.What are bile salts? 4.Mention the characteristics of pendular movement of intestine? 5.What is alkaline tide?	
<b>CC10</b>	<b>FM=10</b>	<b>SEC2B</b>	<b>FM=10</b>
1.What are type II respiratory cells? 2.What is the function of larynx? 3.Mention the importance of hyaline cartilage of trachea. 4.What is the importance of pleura in respiration? 5.Name muscles associated with respiration?		1. Define CT and BT. 2. What is haematocrite value? 3. What is the composition of Leishman Stain? 4. What is anaemia and what is the normal level of Hb? 5. What is the importance of SGOT?	

**Suri Vidyasagar College**

**C1 Internal Assesment 2019**

**SEMESTER II**

**Subject: Physiology (Hons). Time : 1 Hr**

<b>CC3</b>	<b>FM=10</b>	<b>CC4</b>	<b>FM=10</b>
1. What is Hodgkin cycle?		1. What are epimers?	
2. What do you mean by salutatory nerve conduction?.		2. Name the cyclic forms of carbohydrate with structure.	
3. Define action potential?		3. Give two examples each of homo and heteropolysaccharide.	
4. What is firing level?		4. What is the difference between enantiomers and diastereomers?	
5. What is Nernst Equation?		5. When will you not find any optical rotation in a sugar solution ?	

**Suri Vidyasagar College**

**C2 Internal Assesment 2018**

**SEMESTER I**

**Subject: Physiology (Hons). Time : 1 Hr**

<b>CC1</b>	<b>FM=10</b>	<b>CC2</b>	<b>FM=10</b>
1. What is the function of Peroxisome?		1. What is protective colloid?	
2. Mention the functions of intermediate filaments.		2. What is the significance of Km?	
3. What is gap junction? Name the proteins associated with it?		3. Write Michaelis Menten equation?	
4. What is central dogma of life?		4. What are the effects of pH change in enzyme activity?	
5. What is ROS?		5. What is Osmol?	

**Suri Vidyasagar College**

**C1 Internal Assesment 2018**

**SEMESTER I**

**Subject: Physiology (Hons).**

<b>CC1</b>	<b>FM=10</b>	<b>CC2</b>	<b>FM=10</b>
1. What is lipid raft?		1. What is Osmotic Pressure?	
2. Draw the structure of phospholipid.		2. Name two non-covalent bonds.	
3. What is cytoskeleton? What are protofilaments?		3. What is Brownian movement?	
4. What is endosymbiotic theory for origin of mitochondria?		4. Name two electrode used in potentiometric pH meter.	
5. Site with an example, how can we determine blood group of a person from cell membrane.		5. Mention the significance of Km of an enzyme.	



**Suri Vidyasagar College**

**C2 Internal Assesment 2018**

**SEMESTER III**

**Subject: Physiology (Hons). Time : 1 Hr**

<b>CC5</b>	<b>FM=10</b>	<b>CC6</b>	<b>CC7</b>	<b>FM=10</b>
		<b>FM=10</b>		
1. What is Stem cell?		1. Mention name and location of baroreceptors.	1. What is hydrocephalus?	
2. Name two anticoagulants.		2. Define cardiac output?	2. What is paradoxical sleep?.	
3. What is difference of HbA and HbF?		3. What is starling law of heart?	3. What is sleep wakefulness cycle?.	
4. What is ESR?		4. What is heart block?	4. Discuss subliminal fringe.	
5. What is eythroblastosis foetalis?		5. What is Einthoven's Law?	5. What is nociceptors.	

**Suri Vidyasagar College**

**C1 Internal Assesment 2018**

**SEMESTER III**

**Subject: Physiology (Hons). Time : 1 Hr**

<b>CC5</b>	<b>FM=10</b>	<b>CC6</b>	<b>CC7</b>	<b>FM=10</b>
1. What is Arneth Count?		1. Name the special junctional tissues of heart.	1. What is cerebral dominance?	
2. Name two plasma proteins.		2. What is autorhythmicity?	2. Define meninges.	
3. What is COP?		3. What is staircase phenomenon?	3. Write the difference between stretch reflex and withdrawal reflex.	
4. Write any two functions of WBC.		4. Why heart muscle cannot tetanized?	4. What is Brown Sequard syndrome?	
5. Mention the difference between pre and post natal origin of RBC.		5. What is Einthoven's triangle?	5. Name the tracts carries pain, temperature and proprioception.	



# SURI VIDYASAGAR COLLEGE

(Govt. Sponsored & Constituent college of the University of Burdwan)

SURI, BIRBHUM, PIN – 731101, Ph. No. – 03462-255504

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Department of Plant Protection, Suri Vidyasagar College

BSc Sem-V (a) Internal Exam 2022  
Sub: Plant Protection  
Course: Integrated Pest Management

FM-5

1. Integrated Pest Management କଣ (୧) For  
(୧୫)? Integrated Pest Management କି  
କିଛି କାର୍ଯ୍ୟକ୍ରମ କିଛି କିଛି? Cultural  
କି କିଛି କାର୍ଯ୍ୟକ୍ରମ କିଛି କିଛି କିଛି (୫)  
କି କିଛି କାର୍ଯ୍ୟକ୍ରମ କିଛି କିଛି (୫)?  
(1+2+2=5)

OR

Biological Control କି କିଛି କିଛି କିଛି  
କି କିଛି କି କିଛି? କି କିଛି କି କିଛି  
କି କିଛି କି କିଛି (କି କିଛି କି କିଛି  
କି କିଛି କି କିଛି) କି କିଛି କି କିଛି?  
(1+4=5)

B.Sc Sem-III (a) Internal Exam 2022  
Sub: Plant Protection  
Course: Green Pesticide

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ପାଠ୍ୟ ପୁସ୍ତକରୁ ନିମ୍ନଲିଖିତ ପ୍ରଶ୍ନ ଉତ୍ତର କରନ୍ତୁ :-

FM-10  
5x2=10

- ① 'Tree village pharmacy' କେଉଁ କାର୍ଯ୍ୟକାରୀ କରାଯାଏ ? କେଉଁ କରାଯାଏ ?
- ② NSKE ଏହା କିପରି କାର୍ଯ୍ୟକାରୀ କରାଯାଏ ?
- ③ ବିଭିନ୍ନ ପ୍ରକାରର Pesticide କାର୍ଯ୍ୟକାରୀ କରାଯାଏ କିପରି କରାଯାଏ ?
- ④ ବିଭିନ୍ନ ପ୍ରକାରର Pesticide କାର୍ଯ୍ୟକାରୀ କରାଯାଏ କିପରି କରାଯାଏ ?
- ⑤ Pyrethrum ଏହା କିପରି କାର୍ଯ୍ୟକାରୀ କରାଯାଏ ?
- ⑥ Stomach poison (ପାଚକଣ୍ଠୀ ଖରାପ) କିପରି କାର୍ଯ୍ୟକାରୀ କରାଯାଏ ?
- ⑦ Botanical pesticide ଓ chemical pesticide କିପରି କାର୍ଯ୍ୟକାରୀ କରାଯାଏ ?
- ⑧ Rodenticide କିପରି କାର୍ଯ୍ୟକାରୀ କରାଯାଏ ?

BSc Sem-III (A) Internal Exam 2022

Sub:- Plant Protection

Course: Bionomics, Plant Disease & their Management

GROUP - A

FM-10

A. যথেষ্ট ছিটি প্রশ্নের উত্তর দাও:-  $5 \times 2 = 10$

① ধানসহ ছিটি প্রধীন কীটশস্যের নাম  
(Common Name) ও তৎসহ বিজ্ঞানসম্মত নাম  
(Scientific Name) লেখ?

② Brinjal fruit & shoot borer বিধিগো সঙ্গীলয়  
স্থিতি স্থলে?

③ অবিষমক সঙ্গি প্রধীন কীটশস্যের নাম লেখ ও  
তৎসহ দমন পদ্ধতি লেখ?

④ গোছের সঙ্গি সুর্যপোষণের নাম লেখ ও  
স্থিতি স্থলে লেখ?

⑤ সুর্যপোষণ সঙ্গি প্রধীন কীটশস্যের নাম লেখ ও  
দমন পদ্ধতি লেখ?

⑥ Termites যা হৈলেগোছগোছ হোক social Insect  
(সামাজিক পতঙ্গ) স্থলে?

⑦ 'Dead heart' যা 'মৃত গাছ' সঙ্গি বিধিগো?  
কোন কীটশস্যের উদ্ভিদ সঙ্গি কোন স্থলে লেখ  
স্থলে?

⑧ ডালকাণ্ডীদ সঙ্গি সঙ্গি প্রধীন কীটশস্যের নাম  
লেখ ও বিজ্ঞানসম্মত নাম স্থলে?



Department Copy

B.Sc. Semester-III (General) Examination 2022 (CBCS)

Subject: Plant Protection

Mode of Examination: Offline Mode

Paper: Bionomics, Plant Disease and their Management (CC-1C)

Sl. No.	Student Name	University Roll No.	University Registration No.	Full Marks Internal =15		Full Marks Practical =20	
				Marks Obtained Internal		Marks Obtained Practical	
01	ANANYA MONDAL	210631010002	202101041009 of 2021-2022	12		18	
02	ARJIA KHATUN	210631010003	202101041011 of 2021-2022	12		16	
03	BARSHA BISWAS	210631010004	202101041012 of 2021-2022	12		17	
04	PALLAB MAJUMDAR	210631010011	202101041025 of 2021-2022	12		14	
05	RAJ MONDAL	210631010013	202101041027 of 2021-2022	12		16	
06	RINI GHOSH	210631010017	202101041031 of 2021-2022	12		18	
07	SAYAN MONDAL	210631010021	202101041036 of 2021-2022	13		18	
08	SHIVAM SAHA	210631010022	202101041037 of 2021-2022	12		17	
09	SK LAUHAND	210631010023	202101041038 of 2021-2022	14		19	
10	SK SAHIDUL ISLAM	210631010024	202101041039 of 2021-2022	13		18	
11	SOUBIT KAR	210631010025	202101041040 of 2021-2022	15		19	
12	TANIA KHATUN	210631010028	202101041044 of 2021-2022	12		17	
13	TRUPTI BHANDARI	210631010029	202101041045 of 2021-2022	15		19	
14	WAHID MOLLA	210631010030	202101041046 of 2021-2022	10		16	

Name of the Internal Examiners:

1. Dr. Tanmoy Mandal  
Assistant Professor  
Department of Plant Protection  
Suri Vidyasagar College

Tanmoy Mandal  
11.04.2023

2. Dr. Papiya Mandal (Raha)  
State Aided College Teacher  
Department of Plant Protection  
Suri Vidyasagar College

Papiya Mandal (Raha)  
11.04.2023



**B.Sc. Semester-II (General) Practical Examination 2023 (CBCS)**

**Sub: Plant Protection**

**Paper: Pest Managements (CC-1B)**

**Time: 1<sup>1/2</sup> Hours**

**F.M.-20**

1. Identify the following pests:  
Give the scientific name, damaging stages and nature of damage of the 'Pest-A' and 'Pest-B' 2<sup>1/2</sup> + 2<sup>1/2</sup> = 5
  
  2. Identify the following diseases:  
Name the causal organism and indicating symptoms of the 'Disease-C' and 'Disease-D' 2<sup>1/2</sup> + 2<sup>1/2</sup> = 5
  
  3. Submit Practical record book, preserved specimens of insects and herbarium sheet of plant diseases 5
  
  4. Viva-voce 5
- .....

Dept. Copy

B.Sc. Sem-VI (General) Examination 2022

Subject: Plant Protection

Paper: DSE-1B; Dissertation (Curriculum based local area survey of pest and crop)

SL. NO.	STUDENT NAME	UNIVERSITY ROLL NO	UNIVERSITY REGISTRATION NO	FULL MARKS	MARKS OBTAINED		
					Viva- voce based on local area survey (15 Marks)	Dissertation Report Preparation and evaluation (60 Marks)	TOTAL
01	AYESHA ZULEKHA	190631010003	201901032459 of 2019-2020	75	10	42	52
02	BIKRAM GHOSH	190631010006	201901032461 of 2019-2020	75	11	44	55
03	SAMIM MONDAL	190631010020	201901032480 of 2019-2020	75	13	48	61
04	SOUVIK SADHU	190631010024	201901032484 of 2019-2020	75	13	51	64
05	SUDIPTA SWARNAKAR	190631010026	201901032488 of 2019-2020	75	13	49	62

**Name of the Examiners:**

1. Tannoy Mandal  
Assistant Professor  
Department of Plant Protection  
Suri Vidyasagar College

Tannoy Mandal 24.06.2022

2. Dr. Papia Mandal (Raha)  
State Aided College Teacher  
Department of Plant Protection  
Suri Vidyasagar College

Papia Mandal (Raha) 24th June '22

# SURI VIDYASAGAR COLLEGE

BSc 1st Sem (General) EXAMINATION 2019 (CBCS).....

DEPARTMENT : PLANT PROTECTION COURSE ...Pests and Vectors....

Sl No	Student Name	College Roll No	University Roll No.	Total Internal Marks	Marks Obtained			
					CC - 1	CC - 2	Attendance	Total
01	AYESHA ZULEKHA	55	190631010003	15	5	4	4	13
02	BIKRAM GHOSH	37	190631010006	15	5	4	3	12
03	SAMIM MONDAL	24	190631010020	15	5	5	5	15
04	SOUVIK SADHU	34	190631010024	15	5	4	3	12
05	SUDIPTA SWARNAKAR	43	190631010026	15	5	5	5	15
06								
07								
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09								
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15								
16								
17								
18								
19								
20								

Date : 13.02.2020

Tanmoy Mandal  
Signature of HOD

**Head**  
Department of Plant Protection  
Suri Vidyasagar College  
P.O.-Suri, Dist.-Birbhum  
West Bengal-731101

# SURI VIDYASAGAR COLLEGE

BSc 3rd Sem (General) EXAMINATION ..2019 (CBES).....

DEPARTMENT : PLANT PROTECTION COURSE *Bionomics Plant Disease and Their Management*

Sl No	Student Name	College Roll No	University Roll No.	Total Internal Marks	Marks Obtained			
					CC - 1	CC - 2	Attendance	Total
01	ABHIJIT SAHA	182	180631010001	15	5	5	4	14
02	MOU BHANDARY	145	180631010020	15	5	4	3	12
03	ROHIT MIDDHYA	171	180631010028	15	5	4	4	13
04	SUSMITA HEMBRAM	153	180631010042	15	5	5	3	13
05								
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Date : 13.02.2020

Tanmoy Mandal  
Signature of HOD

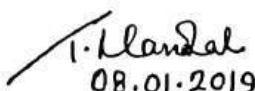
**Head**  
Department of Plant Protection  
Suri Vidyasagar College  
P.O.-Suri, Dist.-Birbhum  
West Bengal-731101



SURI VIDYASAGAR COLLEGE  
SEMESTER-I (CBCS) EXAMINATION (DECEMBER) 2018  
DEPARTMENT: PLANT PROTECTION COURSE: PESTS AND VECTORS

SL NO	STUDENT NAME	COLLEGE ROLL NO	UNIVERSITY ROLL NO	TOTAL INTERNAL MARKS	MARKS OBTAINED			
					CC-1	CC-2	ATTENDEANCE	TOTAL
01	ABHUIT SAHA	182	180631010001	15	04	05	04	13
02	MOU BHANDARY	145	180631010020	15	03	05	03	11
03	ROHIT MIDDHYA	171	180631010028	15	04	05	04	13
04	SUSMITA HEMBRAM	153	180631010042	15	03	05	03	11

DATE: 08.01.2019

  
 08.01.2019  
 SIGNATURE OF HOD  
**Head**  
 Department of Plant Protection  
 Suri Vidyasagar College  
 P.O.-Suri, Dist.-Birbhum  
 West Bengal-731101

# SURI VIDYASAGAR COLLEGE

BSc. 2nd Sem. (Gen.).. EXAMINATION 2019 (CBCS).....

DEPARTMENT : **PLANT PROTECTION** COURSE ..... *Pest Management*.....

Sl No	Student Name	College Roll No	University Roll No.	Total Internal Marks	Marks Obtained			
					CC - 1	CC - 2	Attendance	Total
01	ABHIJIT SAHA	182	180631010001	15	5	4	4	13
02	MOU BHANDARY	145	180631010020	15	4	4	3	11
03	ROHIT MIDDHYA	171	180631010028	15	4	4	3	11
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*T. Mandal*  
1.7.2019

Date : 01.07.2019

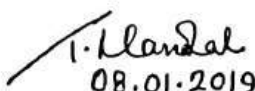
Signature of HOD

**Head**  
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Suri Vidyasagar College  
P.O.-Suri, Dist.-Birbhum  
West Bengal-731101

SURI VIDYASAGAR COLLEGE  
SEMESTER-I (CBCS) EXAMINATION (DECEMBER) 2018  
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 West Bengal-731101



# SURI VIDYASAGAR COLLEGE

BSc. 2nd Sem. (Gen.).. EXAMINATION 2019 (CBCS).....

DEPARTMENT : **PLANT PROTECTION** COURSE ..... *Pest Management*.....

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*T. Mandal*  
1.7.2019

Date : 01.07.2019

Signature of HOD

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West Bengal-731101



# SURI VIDYASAGAR COLLEGE

(Govt. Sponsored & Constituent college of the University of Burdwan)

SURI, BIRBHUM, PIN – 731101, Ph. No. – 03462-255504

Website : [surividyasagarcollege.org.in](http://surividyasagarcollege.org.in), e-mail: : [surividyasagarcollege1942@gmail.com](mailto:surividyasagarcollege1942@gmail.com)

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Department of Sanskrit, Suri Vidyasagar College

# SURI VIDYASAGARA COLLEGE

sanskrit

Semester -3, code-7 (2019)

## Division I

5| Answer the following questions.

10x.5

- a) मनुसंहितायाः प्रवक्तृनः नाम उपस्थापयत।
- b) मनुसंहितायाः प्राचीनतमः टीकाकारः कः आसीत्?
- c) मनोः मतानुसारतः सर्वोत्तमं दुर्गं किमेव नाम?
- d) उपायाः कतिविधाः?
- e) उपायसमूहानां नामानि लिखतु?
- f) बालोहपि को न अवमन्तव्यः?
- g) अर्थशास्त्रस्य प्रथमाधिकरणस्य नाम किम्?
- h) अर्थशास्त्रस्य अर्थशब्दस्य को अर्थः?
- i) 'दूतप्रणिधिः' इति पदे 'प्रणिधि' इति पदस्य को अर्थः?
- j) 'पितृपितामहान् अमात्यान् कुर्वीत' - कस्य मतमिदम्?

sanskrit

Semester -5, code-11 (2020)

Division 1 & Division 2

ॐ Answer any two of the following questions.

10×1 =

10

- अग्नेदस्य द्वितीये मन्त्रे सृक्ते अग्निदेवमाहात्म्यं विचारय।
- विनियोगस्य प्रकारभेदाः लिखत। प्रातरनुवाकः कः विशदयतः, कस्य सूक्तस्य मन्त्रस्य वा पाठः प्रातरनुवाके क्रियते।
- वैदिके व्याकरणे तुमुन्-प्रत्ययस्य प्रयोगसम्पर्के विशदयत।

सकल छात्र-छात्रीरा उत्तरपत्र [dineshdassvc@gmail.com](mailto:dineshdassvc@gmail.com) এই মেল Address  
e send করবে আজ সন্ধ্যের মধ্যে।

**SURI VIDYASAGARA COLLEGE**

**sanskrit**

**Semester -4, code-10 (2020)**

**Division 1 & Division 2**

१। Answer any two of the following questions.

10x2 =

10

- a) विश्वसंस्कृतसाहित्येतिहासे अरविन्दस्य ऋषेः अवदानं लिखतु।
- b) विश्वसंस्कृतसाहित्येतिहासे होरेस-हेम्यान-उईलसनमहाभागस्य अवदानं लिखतु।
- c) विश्वसंस्कृतसाहित्येतिहासे दयानन्द -सरस्वतीमहाभागस्य अवदानं लिखतु।

सकल छात्र-छात्रीरा उत्तरपत्र [dineshdassvc@gmail.com](mailto:dineshdassvc@gmail.com) এই মেল Address  
e send করবে আজ সন্ধ্যের মধ্যে।

**SURI VIDYASAGARA COLLEGE**

sanskrit

Semester -I, code-1 (2019)

Division I

51 Answer any ten of the following questions.

10x1.5

- a) किरातार्जुनीयम् इति महाकाव्यस्य उ०सः कः?
- b) किरातार्जुनीयम् इति महाकाव्यस्य एकः टीकाकारः तस्य नाम च लिखतु?
- c) 'किं०सखा' इति पदस्य समासः किम्?
- d) 'चारचम्बुषः' इति पदेन किं बोध्यते?
- e) किरातेन 'दुर्योधनः' किम् सुयोधन इति पदेन व्यवहृतः?
- f) 'न विव्यथे तस्य मनः' अत्र तस्य पदेन कः सूचितः? किमर्थं तस्य मनः न विव्यथे।
- g) रघुवंशस्य चतुर्दश-सर्गस्य नाम किम्?
- h) 'आसी० स दोलाचलवृत्तिः' अत्र कः ताव० सः? कथं स दोलाचलवृत्तिः?
- i) केषां समीपे यशः गरीयः?
- j) विजितारिभद्र अत्र कः? अरिभद्र-शब्दस्य कः अर्थः?
- k) अश्वघोषेन कानि काव्यानि रचितानि? तेषां नामानि कानि?
- l) कस्य सभाकविरासी० अश्वघोषः?
- m) अश्वघोषस्य माता का आसी०? अश्वघोषस्य अन्य नाम किम्?
- n) रघुवंशस्य किरातार्जुनीयस्य च सर्गसंख्या उल्लिख्यताम्?
- o) कालि दसस्य श्रव्यकाव्यानि लिखतु?

**SURI VIDYASAGARA COLLEGE**



sanskrit

Semester -1, code-2 (2020)

Division I

51 Answer any ten of the following questions.

10x1.5

- a) 'दशतयी' शब्देन किम् बोध्यते? कस्मात् बोध्यते?
- b) षड्बेदाङ्गानां नामानि लिखतु?
- c) वैदिकसाहित्यस्य कति पर्यायाः? नामानि तेषां लिखतु?
- d) चतुर्वेदानां ब्राह्मणग्रन्थानां नाम उल्लिख्यताम्
- e) ऋग्वेदस्य मन्त्रसंख्या उल्लिखतु?
- f) वेदशब्दस्य को अर्थः?
- g) शतपथब्राह्मणः कस्मिन् वेदे दृश्यते?
- h) ऋग्वेदस्य उपनिषद्-ग्रन्थौ लिखतु?
- i) रामायणे कति कालानि सन्ति? क्रमानुसारेण लिखतु?
- j) रामायणाश्रितं द्वयश्रयं काव्यं किम्।
- k) को नाम वेदाङ्ग वेदसूक्तस्य मुखम्
- l) व्याकरणशब्दस्य व्युत्पत्तिः निर्णयं कुरु?
- m) दर्शनशास्त्रे आस्तिकशब्देन किं बोध्यते?
- n) कति आस्तिकदर्शनम्? तेषां नामानि कानि?
- o) ऋग्वेदस्य द्वयोः भाष्यकारयोः नाम उल्लिख्यताम्?

CC-4

\*\*\* যেকোনো পাঁচটি

- 1) পঞ্চতন্ত্রগ্রন্থস্য বিভাগানি লিখতু?
- 2) বাণভট্টসম্পর্কিতে দ্বৈ প্রশস্তিসূচকে বাক্যে লিখতু।
- 3) যোগিনা কীদৃশম্ আসনম্ উপবিশ্য যোগাভ্যাসং ক্রিয়তে, লিখতু?।
- 4) হর্ষচরিতং কীদৃশং কাব্যম্?
- 5) ভূষণভট্ট কঃ আসীৎ? গদ্যকাব্যে তস্য অবদানং কিম্?
- 6) সন্ধিবিচ্ছেদং কুরু- কশ্চিড্জ্বালপাদোহদৃশ্যত।
- 7) অর্থং লিখতু- জুঘাকরিকঃ, একপিঙ্গাচলঃ।

CC-3

\*\*\* যেকোনো পাঁচটি

- 1) কাদম্বরী ইতি কাব্যস্য উৎস কিম্?
- 2) কাদম্বরী কেন বিরচিতম্? এতস্য প্রকৃতিঃ লিখতু।
- 3) দশকুমারচরিতে রাজবাহনস্য মিত্রানাং নামানি লিখতু।
- 4) 'রাজবাহনস্য চরণযুগলং রজতশৃংখলয়া আবদ্ধম্ আসীৎ' ইত্যেতস্য তাৎপর্যং লিখতু।
- 5) শুকনাসঃ কঃ আসীৎ? কাদম্বরীশব্দেন কিং বোধ্যতে?
- 6) সংস্কৃত গল্পসাহিত্যে 'ত্রয়ী' ইতি কিং বোধ্যতে?
- 7) হিতোপদেশ ইতি গল্পসাহিত্যস্য বিভাগানি কানি?

CC-1

- 8) कादम्बरी इति शब्दस्य कोहर्थः ?
- 9) कादम्बरी इति गद्याकाव्यं केन विरचितम्?
- 10) दशकुमारचरिते दशकुमारस्य नाम लिखतु।
- 11) शुकनासः कः आसीद्? स कमेव उपदेशं ददाति अ?
- 12) चन्द्रापिडः कः आसीद्?
- 13) बाणभट्टस्य वंशपरिचयं लिखतु।
- 14) 'पञ्चतन्त्रम्' कस्य रचना? पञ्चतन्त्रम् इति नामकरणस्य किमेव यौक्तिकं वर्तते?
- 15) कः एव दक्षि आसीत्? तस्य भिन्नजातीयं गद्याकाव्यद्वयं लिखतु?
- 16) 'ब्रह्मणवर्षः' शब्दस्य कोहर्थः?
- 17) पुष्पाक्षवः कः आसीत्?

CC-2

- 8) ज्ञानयोगं कः कं प्रथमं प्रोक्तवान्?
- 9) शून्यस्थानानि पूरयतु  
-- अव्यात्ना - अपि सन्।
- 10) कदा श्रीभगवान् आत्मानम् सृजयति?
- 11) कस्य पुनर्जन्मः न भवति?
- 12) चातुर्वर्ण्यम् पदेन किं बोध्यते?
- 13) कः जीवात्मानः सह परमात्मानः संयोगं करोति?
- 14) योगी केन उपायेन योगाभ्यासं करोति?
- 15) कः कः योगाभ्यासम् आचरितुं न शक्नोति?
- 16) योगी निरुद्धचित्तं कदा भवति?
- 17) योगाभ्यासकाले मानवः किं व्रतं पालयति ?

**SURI VIDYASAGARA COLLEGE**

**sanskrit**

**Semester -9, code-II (2022)**

**Division I**

5। Answer the questions

6

১) নিম্নোক্তয়োঃ মন্ত্রয়োঃ প্রত্যেকস্য বঙ্গভাষয়া অনুবাদঃ,  
সংস্কৃতভাষয়া ব্যাখ্যা, বৈদিকপদপাঠঃ চ নিরুপয়তাম্।

a) ইমাং মে অগ্নে সমিধম

ইমামুপসদং বনেঃ ।

ইমা উ ষু।শ্রুথী।গিরঃ।।

b) অহং রুদ্রেভিঃ বসুভিঃ চরামি

অহমাদিতৈরুত বিশ্বদেবৈঃ।

অহং মিত্রাবরুনোভা বিভর্মি

অহমিন্দ্রাগ্নী অহমশ্বিনোভা ॥

- ২) ঈশোপনিষদি 'বিদ্যা' ইতি শব্দস্য অর্থঃ কা?
- ৩) 'কুর্বন্নেবেহ কৰ্মাণি' ইতি মন্ত্রাংশস্য কোহর্থঃ?
- ৪) ঈশোপনিষদঃ গ্রন্থস্য উৎসঃ কঃ? অস্য নামান্তরং কিম?
- ৫) "উপনিষৎ" ইতি শব্দস্য কা এব ব্যুৎপত্তিঃ? অস্য কোহর্থঃ?

**SURI VIDYASAGARA COLLEGE**

**Sanskrit (Gen)**

**Semester -6, SEC- 4 (2022)**

- নিম্নলিখিত যেকোন একটি বিষয়ের ওপর নিবন্ধ লেখ।
  - ১) ঈশোপনিষদের মূল প্রতিপাদ্য বিষয় উপস্থাপন কর।

২) ঋগ্বেদের দ্বিতীয় মন্ডলে অগ্নিসূক্তের মাহাত্ম্য প্রতিপাদন কর।

বিঃ দ্রঃ - উত্তরপত্রটির pdf copy - [dineshdassvc@gmail.com](mailto:dineshdassvc@gmail.com) এই মেল ঠিকানায় পাঠাবে। উত্তরপত্রটির Hard copy দীনেশ স্যার কে ১৮/৫/২০২২ তারিখের মধ্যে জমা দেবে।

## SURI VIDYASAGARA COLLEGE

sanskrit

Semester -2, code-3 (2022)

Division 1 & Division 2

১। Answer any two of the following questions.

৫x২ =

১০

a) Translate into bengali (বঙ্গানুবাদ কর) -

तत चन्द्राप्रीड! विदितवेदितव्यस्य अधीतसर्वशास्त्रस्य ते नान्यम् अपि  
उपदेष्टव्यम् अस्ति। केवलं च निसर्गत एव अत्रानुभेद्यम्  
अरत्रालोकच्छेद्यम् अप्रदीपप्रभापनेयम् अतिगहनं तमो  
यौवनप्रभवम्। अपरिणामोपशमो दारुणो लक्ष्मीदः।

- b) गद्यसाहित्यस्य इतिहासे दशुनः अवदानं लिखतु ।  
c) राजवाहनस्य मूलं वृत्तान्तं संक्षेपेण विवृणोतु।

## **SURI VIDYASAGARA COLLEGE**

**sanskrit**

**Semester -4, code-8 (2022)**

**Division 1 & Division 2**

१। Answer any two of the following questions.

5x2 = 10

- a) रूद्रदामनशिलालिपेः राज्ञः रूद्रदामनस्य चरित्रं वर्णयत।

- b) सुदर्शनहृदस्य पुनर्निर्माणविषये संक्षेपेन प्रतिपादयत।
- c) मेहेरुलिशिलालिपौ राज्ञः चन्द्रस्य परिचितीः आलोच्यताम्।
- d) का एव लिखनपद्धतिः ? अस्य इतिहासः वर्णयतः।

**SURI VIDYASAGARA COLLEGE**

**sanskrit**

**Semester -6, code-DSE - 3 (2024)**

**Division 1 & Division 2**

Internal assessment

Time - 2 hours (11-1)

१। टीका लेख।

a) चरकसंहिता

b) सुश्रुतसंहिता

c) नागार्जुन (रसरत्नाकर)



d) 'प्राणो ब्रह्मेति व्याजानं' - संक्षेपे आलोचना कर।

e) 'बुद्धि-इ ब्रह्म' संक्षेपे आलोचना कर।

२।

a) अष्टाङ्ग आयुर्वेदेर आर्टि अङ्ग विषये आलोचना कर।

b) तैत्तिरीय उपनिषदेर अन्नब्रह्मेर स्वरूप आलोचना कर।

\*\*\* [svcsanskritexamofficial@gmail.com](mailto:svcsanskritexamofficial@gmail.com) \*\*\*

एइ मेल ए सकल उतुरपत्र पार्ठबे।

## **SURI VIDYASAGARA COLLEGE**

**sanskrit**

**Semester -4, code-9 (2022)**

**Division 1 & Division 2**

१। Answer any two of the following questions.

5x2 = 10

a) किमेव आधुनिकसंस्कृतसाहित्यम्? तस्य परिचयं लिखत।

b) आधुनिक-संस्कृतसाहित्ये लघुकथायाः विवरणं लिखतु।

c) आधुनिकसंस्कृतनाटके इतिहासिकनाटकानां परिचयं संक्षेपेन उपस्थापयत।

d) चिपिटकचर्चनम् इति नाटकस्य सामाजिकतां निरूपयत।

Suri Vidyasagar college  
Question Paper 2018  
Sanskrit  
Semester-2, CC-1 & CC-2  
Time- 1hour  
Marks-CC-1=5, CC-2=5

**CC-1**

- 18) कादम्बरी इति शब्दस्य कोहर्षः ?
- 19) कादम्बरी इति गद्याकाव्यं केन विरचितम्?
- 20) दशकुमारचरिते दशकुमारस्य नाम लिखतु।
- 21) शुकनासः कः आसीद्? स कमेव उपदेशं ददाति स्म?
- 22) चन्द्रापीडः कः आसीद्?
- 23) बाणभट्टस्य वंशपरिचयं लिखतु।
- 24) 'पञ्चतन्त्रम्' कस्य रचना? पञ्चतन्त्रम् इति नामकरणस्य किमेव यौक्तिकं वर्तते?
- 25) कः एव दक्षि आसीत्? तस्य भिन्नजातीयं गद्याकाव्यद्वयं लिखतु?
- 26) 'ब्रह्मणवर्चवः' शब्दस्य कोहर्षः?
- 27) पुष्पाद्रवः कः आसीत्?

**CC-2**

- 18) ज्ञानयोगं कः कं प्रथमं प्रोक्तवान्?
- 19) शून्यस्थानानि पूरयतु  
-- अव्यात्ना - अपि सन्।
- 20) कदा श्रीभगवान् आत्मानम् सृजयति?

- 21) कस्य पुनर्जन्मः न भवति?
- 22) चातुर्वर्ण्यम् पदेन किं बोध्यते?
- 23) कः जीवात्मानः सह परमात्मानः संयोगं करोति?
- 24) योगी केन उपायेन योगाभ्यासं करोति?
- 25) कः कः योगाभ्यासम् आचरितुं न शक्नोति?
- 26) योगी निरुद्धचित्तं कदा भवति?
- 27) योगाभ्यासकाले मानवः किं व्रतं पालयति ?

## **SURI VIDYASAGARA COLLEGE**

**sanskrit**

**Semester -6, code-13 (2023)**

**Division 1 & Division 2**

Internal assessment

Time - 2 hours (11-1)

१। टीका लेख।

a) पृथिवी

b) करण ओ कारण

c) अभाव

d) अधिकारी

e) वेदान्तेर मूल प्रतिपाद्यविषय लेख।

२।

अ) हेतुभास सम्पर्के विस्तारित आलोचना कर।

आ) अङ्गान की ओ अङ्गानेर स्वरूप आलोचना कर।

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एई मेल ए सकल उतुरपत्र पार्ठावे।

## SURI VIDYASAGARA COLLEGE

sanskrit

Semester -6, code-14 (2023)

Division 1 & Division 2

Internal assessment

Time - 2 hours (11-1)

1) Answer all the following questions.

\*\*\*कारिका व्याख्या\*\*\* (संस्कृते लेख)

- a) अभिधानं च प्रायेण तिङ्-कृद-तद्धित-समासैः। तिङ्-हरि सेव्यते।  
b) क्वचिन्निपातेनाभिधानम्। यथा - "विष्वक्काइपि संवर्ध स्वयं छेत्तुमसाम्प्रतम्। साम्प्रतमित्यस्य हि युज्यते।

\*\*\*सूत्र व्याख्या\*\*\* (संस्कृते लेख)

- c) दिवः कर्म च।  
d) तथायुक्तश्रुतानिपितम्।  
e) आख्यातोपयोगे

2) संक्षेपे लेख। (बांगलाय लिखते पार)

- a) सम्प्रदान कारकेर सूत्रगुलि ऒ तार दीक्षितेर भाष्य विवृत कर।  
b) अपादानादिविशेषैः अविवक्षितं कारकं कर्मसंज्ञं स्याद। व्याख्या कर।

\*\*\* [svcsanskritexamofficial@gmail.com](mailto:svcsanskritexamofficial@gmail.com) \*\*\*

एइ मेल ए सकल उत्तरपत्र पाठारुवै।

Suri Vidyasagar college  
Question Paper 2023

Sanskrit

Semester-2, CC-3 & CC-4

Time- 1hour

Marks-CC-3=5, CC-4=5

CC-4

\*\*\* ढेकानु ढाँचटु

- 28) ढङ्गतल्लग्रन्थसु विभागानु लिखतु?  
29) वाणभट्टसम्पर्किते द्वे ढ्रशक्तिसूचके वाक्ये लिखतु।  
30) ढोगिनु कौदृशम् आसनम् उपविश्य ढोगाभ्यासं क्रियते, लिखतु?  
31) हर्षचरितं कौदृशं काव्यम्?  
32) भूषणभट्ट कः आसीत्? गद्याकाव्ये तसु अवदानं किम्?  
33) सङ्घिविच्छेदं कुरु- कश्चिज्जालढादोहदृश्यत।  
34) अर्थं लिखतु- जङ्घाकरिकः, एकढिष्ठाचलः।

CC-3

\*\*\* ढेकानु ढाँचटु

- 28) कादम्बरी इति काव्यसु उंस किम्?  
29) कादम्बरी केन विरचितम्? एतसु ढ्रकृतिः लिखतु।  
30) दशकुमारचरिते राजवाहनसु मित्रानां नामानु लिखतु।  
31) 'राजवाहनसु चरणयुगलं रजतशृङ्खला आवद्धम् आसीत्' इत्येतसु तत्पर्यं लिखतु।  
32) शुकनासः कः आसीत्? कादम्बरीशब्देन किं बोध्यते?  
33) संस्कृत गल्लसाहित्ये 'त्रयी' इति किं बोध्यते?  
34) हितुढदेश इति गल्लसाहित्यसु विभागानु कानु?

**SURI VIDYASAGARA COLLEGE**

**sanskrit**

**Semester -6, code-DSE - 3 (2023)**

**Division 1 & Division 2**

Internal assessment

Time - 2 hours (11-1)

১। টীকা লেখ।

a) চরকসংহিতা

b) সুশ্রুতসংহিতা

c) নাগার্জুন (রসরত্নাকর)

d) 'প্রাণো ব্রহ্মেতি ব্যাজানং' - সংক্ষেপে আলোচনা কর।

e) 'বুদ্ধি-ই ব্রহ্ম' সংক্ষেপে আলোচনা কর।

২।

a) অষ্টাঙ্গ আয়ুর্বেদের আটটি অঙ্গ বিষয়ে আলোচনা কর।

b) তৈত্তিরীয় উপনিষদের অন্তব্রহ্মের স্বরূপ আলোচনা কর।

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এই মেল এ সকল উত্তরপত্র পাঠাবে।





Suri Vidyasagar College (Govt. Sponsored)  
Suri Birbhum.

NOTICE

Date: 05.10.18

No: SVC22/481/18

All the students of Sem-I, III, and 3<sup>rd</sup> Yr, 2018-19 are directed to contact their respective departments for their internal Assessment and 1<sup>st</sup> terminal test on and from 11/10/2018 to 13/10/2018.

Sem-I - 12/10/18  
Sem-III - 13/10/18

1<sup>st</sup> Term Part-III - 11/10/18

*T.K. Parichha*  
Dr. Tapan Kr. Parichha  
Principal,  
Suri Vidyasagar College

. Principal,  
Suri Vidyasagar College

Suri Vidyasagar College (Govt. Sponsored)  
Suri Birbhum.

NOTICE

N: SVC/22/480/18

Date: 05.10.18

Head of the departments are requested to make arrangement (Question setting, collection of blank Script etc). for internal Assessment of Semester-I (C1) and Semester -III(C1) on 12/10 and 13/10/18 respectively.  
They are also requested to take 1<sup>st</sup> Terminal test (50 marks) for part-III (Hons.) on 11/10/18 at 12: 00 noon according to the following schedule :

Room allotted for the C1<sup>st</sup> Exam., 2018  
<sub>1st term.</sub>

1. All Science Hons., Economics, Geography, Mass Communication & Journalism and Arabic in their respective departments.
- 2 Commerce: Teacher-in-charge of the Commerce department may conduct the exam in the Morning shift .
- 3 Bengali Hons: Room No. A 104
- 4 English Hons: A 99
- 5 History Hons: A 100
- 6 Pol.Sc Hons: A 106
- 7 Philosophy Hons: A 98
- 8 Sanskrit Hons: H 84

*Tapan K. Parichha*  
Dr. Tapan Kr. Parichha  
Principal,  
Suri Vidyasagar College  
Principal,  
Suri Vidyasagar College

বিজ্ঞপ্তি

সিদ্দী বিদ্যাসাগর কলেজের শিক্ষক সংসদ-র উদ্যোগে আধ্যাপক মহা.

Suri Vidyasagar College  
Suri, Birbhum

NOTICE

Date: 30.10.18

No: SVC/18/492/18

A workshop on CBCS (Structure, Syllabus, Exam, Registration etc) is going to be held on 02.11.2018 on end <sup>from</sup> before 11.30 A.M. in our Seminar Hall.  
All teaching and non-teaching staff are requested to attend the workshop positively.

*Dr. Tapan Kr. Parichha* 30/10/18  
(Dr. Tapan Kr. Parichha)  
Principal,  
Suri Vidyasagar College  
Principal,  
Suri Vidyasagar College



No: SVC/159/4745/18

**NOTICE**

Date: 01.10.18

**Suri Vidyasagar College (Govt. Sponsored)  
Suri Birbhumi.**

No: SVC/22/513/18

**NOTICE**

Date: 15.11.18

All the students ( General/Generic) of Sem-I and III, 2018-19 are directed to contact their respective departments for their internal Assessment Examination(C-2) on and from 03/12/2018 to 06/12/2018 . No assignments will be received after due date

*JK Parichha*  
Dr. Tapan Kr. Parichha  
Principal,  
Suri Vidyasagar College  
Principal:  
Suri Vidyasagar College

Suri Vidyasagar College  
Suri, Birbhum

Date: 26.03.19

No: SVC/15/182/19

NOTICE

First Internal Examinations of Sem-IV will held on 13<sup>th</sup> April, 2019 .  
Students are informed to contact with head of the Departments for the purpose.

Head of the Departments are requested to take the Exam. on 13<sup>th</sup> April as per convenient method and time schedule.

*T. K. Parichha*  
Dr. Tapan Kr. Parichha  
Principal,  
Suri Vidyasagar College  
Principal:  
Suri Vidyasagar College

*27.3.19*  
*Suri*  
*27/3/19*

*Chandh*  
*27.03.2019*  
*SEM-IV Hist. Flurs*  
*Saha*  
*27.03.19*  
*27.3.19*  
*Daha*  
*27.3.19*  
*27.03.19*  
*27/03/19*

Suri Vidyasagar College  
Suri, Birbhum

No: SVC/15/248/19

NOTICE

Date: 14.05.19

2nd Internal Assesment Examinations-2019 for SEM-<sup>II</sup> ~~III~~ and SEM-IV  
(Hons. and General) students will be held on 20.05.19 and 21.05.19 .

Head of the departments are requested to take the examinations on the date as per convenient method and time schedule.

Students are directed to contact with head of the departments for details on the examination schedule etc.

*T.K. Parichha*  
Dr. Tapan Kr. Parichha  
Principal,  
Suri Vidyasagar College  
*Principal,*  
**Suri Vidyasagar College**



SURI VIDYASAGAR COLLEGE  
SURI, BIRBHUM

NOTICE

Date: 02.08.19

No: SVC/47B/360/19

H.O.D.'s are requested to submit internal Assesment marks of Sem-II,2019 (Hons.& General ) within 5/08/19 to the college office.

*Dr. Tapan Kr. Parichha*  
Dr.Tapan Kr. Parichha  
Principal,  
Suri Vidyasagar College  
**Principal**  
Suri Vidyasagar College

Sl.No	Name of the teacher	Department (Head)
1	Dr. Sristidhar Das	Bengali
2	Sri Sourav Chakraborty	English
3	Dr.Asim Choudhuri	History
4	Sri Ramesh Das	Philosophy
5	Sri Subrata Kr. Gupta	Pol. Sc
6	Sro Ramananda Roy	Economics
7	Sri Prodip Kr.Sarkar	Sanskrit
8	Sri Surya Prakash Das	Commerce
9	Dr. Somnath Choudhury	Physics
10	Sri Debabrata Saha	Chemistry
11	Sri Prasenjit Saha	Mathematics
12	Dr.Chandrik Malakar	Zoology
13	Dr. Amal Kr. Pari	Physiology
14	Sri Hemanta Saha	Botany
15	Dr. Tanmoy Mondal	Plant Protection
16	Mrs.Amrita Chatterjee	Microbiology
17	Sri Haradhan Mardi	Comp. Science
18	Smt. Sanchila Chatterjee	Journalism & Mass Commnication
19	Washim Reja	Arabic
20	Rezaul Hossain <i>Chaitali</i>	Geography
21	Prof. Koushik Dutta <i>Gurain</i>	In-charge, Morning Section (B.A)
22	Bappa Sangui	Physical Education



Department  
ROOM NO.

SURI VIDYASAGAR COLLEGE  
SURI BIRBHUM

NO:SVC/423/19/15

NOTIFICATION

DATE: 02.09.19

1<sup>st</sup> Internal Assesment Examination of SEM-I (Hons.) scheduled to be held on 07.09.19 will be held on 24.09.19

*JK Parichha*

Dr. Tapan Kr. Parichha

Principal,

Suri Vidyasagar College

Principal

*JK*  
Suri Vidyasagar College

Suri Vidyasagar College  
Suri, Birbhum

No:SVC/509/19/15

NOTICE

Date: 5.11.019

1<sup>st</sup> Internal Assesement for Sem-III & V for Hons. students will be held on 14.11.19 .

Principal,  
Suri Vidyasagar College.

**Principal**  
**Suri Vidyasagar College**

*[Handwritten Signature]*  
5/11/19

Suri Vidyasagar College  
Suri, Birbhum

No:SVC/511/19/15

NOTICE

Date: 7.11.019

In partial modification to notice No. SVC/510/19/15 dt. 5.11.19 it is for information all concerned that 1<sup>st</sup> Internal Assesement for Sem-III (Hons.) -2019 will be held on 14.11.19 & Sem-V (Hons.) will be held on 27.11.19.

It is further notified that 1<sup>st</sup> Internal Assesement for Sem-III (Gen.Course) will be held on and from 14.11.19 to 16.11.19 and Sem-V (Gen.Course) will be held on 27.11.19.

*Dr. Tapan Kr. Parichha* 07/11/19  
(Dr. Tapan Kr. Parichha)  
Principal,  
Suri Vidyasagar College.

**Principal**  
**Suri Vidyasagar College**

Suri Vidyasagar College  
Suri, Birbhum

No:SVC/512/19/15

NOTICE

Date: 7.11.019

Head of the Departments are requested to submit the Internal Marks for Sem-IV ,2019 to the college office on or before 15.11.2019 .

*Tk. Parichha 07/11/19*  
(Dr. Tapan Kr. Parichha)  
Principal,  
Suri Vidyasagar College.  
**Principal**  
**Suri Vidyasagar College**

# SURI VIDYASAGAR COLLEGE (GOVT. SPONSORED)

SURI, BIRBHUM.  
ACCREDITED BY NAAC  
AFFILIATED IN:



B. COM., B. Sc., B. A. With HONS. SUBJECTS. & M. Sc. in Zoology

Suri Vidyasagar College  
Suri, Birbhum

No: SVC/55/2020

Date:- 03.02.2020

## NOTICE

Head of the Departments / Co-ordinators of concerned Departments are requested to submit the internal Exam. marks of SEM-I, SEM-III and SEM-V, 2019 to the college office within fifteen days positively.

Please consider the matter as urgent.

Head of the Departments are also requested to arrange classes for SEM-II & SEM-IV from 03.02.2020.

Classes of SEM-V will remain suspended from 08.02.2020 .

*T.K. Parichha*

Dr. Tapan Kr. Parichha  
Principal,  
Suri Vidyasagar College  
**Principal**  
**Suri Vidyasagar College**





**THE UNIVERSITY OF BURDWAN**  
 established in 1890  
 Rajbah, Burdwan - 713014  
 West Bengal

DEPARTMENT OF UNIVERSITY EXAMINATIONS

Office of the Controller of Examinations  
 University of Burdwan  
 Rajbah, Burdwan - 713014  
 West Bengal

**INSTRUCTIONS TO THE INVIGILATORS**  
**SURI VIDYASAGAR COLLEGE (GOVT. SPONSORED)**



SURI, BIRBHUM, 731101  
 ACCREDITED BY NAAC-'B'  
 AFFILIATED IN:

B. A., B. Sc. & B. Com. WITH HONS. SUBJECTS, & M. Sc. in Zoology

No. SYC-638/19

Date: 17.12.2019

**Notice**

Head of the departments/Coordinators of the departments are requested to take 2<sup>nd</sup> internal Assessment of students of SEM-III (Hons. & Gen.) of Day shift in between 19<sup>th</sup> Dec. to 21<sup>st</sup> Dec., 2019 if not taken by the departments. If some students failed to appear due to SEM-I Exam, 2019 their assessment may be taken on January 02, 2020.

*J. K. Paul*

Principal  
 Suri Vidyasagar College  
 Principal,  
 Suri Vidyasagar College



**THE UNIVERSITY OF BURDWAN**

Administrative Office :  
Rajbati, Burdwan-713104  
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DEPARTMENT OF CONTROLLER OF EXAMINATIONS

## INSTRUCTIONS TO THE INVIGILATORS

### SURI VIDYASAGAR COLLEGE (GOVT. SPONSORED)



SURI, BIRBHUM, 731101.

ACCREDITED BY NAAC-B\*\*  
AFFILIATED IN:

B. A., B. Sc. & B. Com. With HONS. SUBJECTS. & M. Sc. in Zoology

No. SVC/594/19

Date: 17.12.2019

#### Notice

Students of SEM-III (Hons. & Gen.) of Day shift are directed to meet with H.O.D.'S of concerned subjects for 2<sup>nd</sup> internal Assessment to be held in between 19<sup>th</sup> Dec. to 21<sup>st</sup> Dec., 2019 if not taken by the departments earlier.

*J. K. Panichha*

Principal

Suri Vidyasagar College

Principal,

Suri Vidyasagar C



SURI VIDYASAGAR COLLEGE  
SURI, BIRBHUM

No: SVC/549 /19/15

Date:- 20.11.19

NOTICE

2<sup>nd</sup> Internal Assesment Examination for SEM-I students will be held on and from 27.11.19 to 30.11.19 , students are hereby informed to contact with H.O.D.'s of concerned subjects to know the details.

*Tk-parichha*  
Dr. Tapan Kr. Parichha *22/11/19*  
Principal,  
Suri Vidyasagar College  
*mr*

# SURI VIDYASAGAR COLLEGE (GOVT. SPONSORED)



SURI, BIRBHUM, 731101

ACCREDITED BY NAAC - B+

Affiliated to the University of Burdwan

B. A., B. Sc. & B. Com. (Hons. & General) & M. Sc. in Zoology

## Exam Schedule of Semester V (Hons & General), Internal Exam - 2022

Date	Time	Course	Paper
10.11.2022	12:00 Noon-12:45P.M.	All Hons. (Arts & Sc.)	CC - XI
10.11.2022	2:00 P.M.-2:45 P.M.	All Hons. (Arts & Sc.)	CC - XII
11.11.2022	12:00 Noon-12:45P.M.	All Hons. (Arts & Sc.)	DSE-1
11.11.2022	2:00 P.M.-2:45 P.M.	All Hons. (Arts & Sc.)	DSE-2
12.11.2022	12:00 Noon-12:45P.M.	GE/General	Bengali
12.11.2022	12:00 Noon-12:45P.M.	GE/General	History/Zoology/Mathematics
14.11.2022	2:00 P.M.-2:45 P.M.	GE/General	Sanskrit/Arabic/Physiology
14.11.2022	12:00 Noon-12:45P.M.	GE/General	Philosophy/Chemistry
15.11.2022	2:00 P.M.-2:45 P.M.	GE/General	Economics/Computer Sc. Plant Protection
16.11.2022	12:00 Noon-12:45P.M.	GE/General	Geography
16.11.2022	2:00 A.M.-2:45A.M.	GE/General	English
17.11.2022	12:00 Noon-12:45P.M.	All General	SEC
17.11.2022	2:00 A.M.-2:45 P.M.	GE/General	Political Sc./Botany/Physics

### Morning Shift

### Arts (General) & Commerce

It is hereby informed for all concerned that internal Assesment for Semester III and V Examination, 2022 will be held on and from 10.11.2022 to 17.11.2022. Morning - in - charge and Commerce - in-Charge are requested to conduct the internal Examinations in any convenient mode as per BU guideline.

*T. K. Parichha* 19/10/2022

Dr. Tapan Kr. Parichha

Principal

Suri Vidyasagar College

Principal

Suri Vidyasagar College



No. SVC/337/2022

Notice

Date: 19.10.2022

It is hereby notified for information of all concerned that Internal Examinations of semester III and Semester V Exam, 2022 will start on and from 10th November, 2022 in offline mode according to the following schedule:  
 Students, who are to appear in Examination December, 2022 are informed that they must appear in internal Examinations.

**Day shift**

Exam schedule of Semester III (Hons & General), Internal Exam-2022

Date	Time	Course	Paper
10.11.2022	11:00 A.M.-11:45A.M.	All Hons. (Arts & Sc.)	
10.11.2022	1:00 P.M.-1:45 P.M.	All Hons. (Arts & Sc.)	CC-V
11.11.2022	11:00 A.M.-11:45A.M.	All Hons. (Arts & Sc.)	CC-VI
11.11.2022	1:00 P.M.-1:45 P.M.	All Hons. (Arts & Sc.) & General	CC-VII SEC
12.11.2022	11:00 A.M.-11:45A.M.	GE/General	Bengali
12.11.2022	1:00 A.M.-1:45 P.M.	GE/General	Political Sc./Botany/Physics
14.11.2022	11:00 A.M.-11:45A.M.	GE/General	History/Zoology/Mathematics
14.11.2022	1:00 P.M.-1:45 P.M.	GE/General	Sanskrit/Arabic/Physiology
15.11.2022	11:00 A.M.-11:45A.M.	GE/General	Philosophy/Chemistry
15.11.2022	1:00 P.M.-1:45 P.M.	GE/General	Economics/Computer Sc. /Plant Protection
16.11.2022	11:00 A.M.-11:45A.M.	GE/General	Geography
16.11.2022	1:00 A.M.-1:45A.M.	GE/General	English
17.11.2022	11:00 A.M.-11:45 A.M.	General	Language

*J. K. Paichhe*  
 Principal  
 Suri Vidyasagar College

*m*

# SURI VIDYASAGAR COLLEGE (GOVT. SPONSORED)

SURI, BIRBHUM, 731101.

ACCREDITED BY NAAC-B\*\*

Affiliated to the University of Burdwan

B. A., B. Sc. & B. Com. (Hons. & General) & M. Sc. in Zoology



No. SVC/266/2022

Date- 09.11.2022

## Notice

Classes of Semester-I will remain suspended from 10/11/2022 to 17/11/2022 due to Internal Assessment /Exam-2022 of SEM-III & Semester-V.

Room Allotment for SEM-III (H) & SEM-V (H) Internal Assessment /Exam-2022

Bengali - A 99

English- A-100

Political Sc. (Hons.)-A-104

History (H)- A-106

Philosophy (H)-H-84

Sanskrit (H) -NR-2

Arabic (H), MCJH (H), Geography (H), Economics (Hons.) and all Science (Hons) Exams will be held in the departmental Rooms.

Classes scheduled to be held in the above rooms will remain suspended during Examinations.

*J. P. Anand*  
09/11/2022

Principal

Suri Vidyasagar College

Principal:

Suri Vidyasagar College



# SURI VIDYASAGAR COLLEGE

(GOVT. SPONSORED)  
ACCREDITED BY NAAC

B. COM., B. SC., B. A. with HONS. SUBJECTS. & M. SC. in ZOOLOGY

Affiliated In :



NDI SVC/090/2022

Date.....22.11.2022.....

Suri Vidyasagar College (Govt. Sponsored)  
Suri, Birbhum. PIN-731101

Staff room

No. SVC/18/2022

Date: 12.11.2022

## Notice

This is for information of all concerned that Examinations scheduled to be held on 15.11.2022 will be held on 18.11.2022 at the same time as 15.11.2022 is a holiday on account of Celebration of birth day of Birsa Munda. Classes of 1<sup>st</sup> semester will resume from 17.11.2022. However, during examination special classes may be taken by the departments in the available rooms.



J. Parichha  
Principal 12/11/2022

Suri Vidyasagar College  
Principal  
Suri Vidyasagar College

# SURI VIDYASAGAR COLLEGE (GOVT. SPONSORED)



SURI, BIRBHUM, 731101

ACCREDITED BY NAAC-B<sup>++</sup>

Affiliated to the University of Burdwan

B. A., B. Sc. & B. Com. (Hons. & General) & M. Sc. in Zoology

This is for information of all concerned that internal Examinations of Semester-I Exam, Dec-2022 (Day Shift) General course will be held on and from 03.01.2023 as per previous notification according to the following schedule

Date	Course/ Programme	Time	Subject Paper	& Room No	Time	Subject Paper	& Room No
03.01/2023	UG (Hons)/Gen	11:15	Bengali (GE/Gen)- CC1A/B	A-98, A-99, A100	12:00	English (GE/Gen) CC1A/B	A-98, A-99
		11:15	Chemistry(GE/ Gen)- CC1A/B/C	R-25	12:15	Physics (GE/Gen)- CC1A/B/C	R-25
		1:15	Geography (GE/Gen)- CC1A/B	Dept.	1:15	Plant Protection (GE/Gen)- (CC1A/B/C)	Dept.
04.01.2023	UG (Hons)/Gen	11:15	History (GE/Gen)- CC1A/B	A-98, A-99, A100	12:00	Sanskrit- CC1A/B	A-98, A-99, A100
		11:15	Botany (GE/Gen) CC1A/B/C	R-25	12:15	Zoology (GE/Gen) (CC1A/B/C)	R-25
05.01.2023	UG (Hons)/Gen	11:15	Philosophy (GE/Gen)- CC1A/B	A-98, A-99, A100	12:00	Economics- CC1A/B	11-85
		1:15	Arabic (GE/Gen)- CC1A/B	G-2	1:15	Physiology (GE/Gen)- CC1A/B/C	R-25
06.01.2023	UG (Hons)/Gen	11:15	Political Sc (GE/Gen)- CC1A/B	A-98, A-99, A100	12:00	Computer Sc (Gen) CC1A/B/C	Dept

*Tapan Kumar Parichha*  
(Dr. Tapan Kumar Parichha)  
Principal

Suri Vidyasagar College,  
Birnoum, West Bengal

Principal,  
Suri Vidyasagar College

Phone:03462 255504

Page 2

# SURI VIDYASAGAR COLLEGE (GOVT. SPONSORED)



SURI, BIRBHUM, 731101

ACCREDITED BY NAAC-B\*\*  
Affiliated to the University of Burdwan

B. A., B. Sc. & B. Com. (Hons. & General) & M. Sc. in Zoology

No. SVC/1/2023

Date: 02.01.2023

## Notice

This is for information of all concerned that internal Examinations of Semester-1 Exam, Dec-2022 (Day Shift) Honours course will be held on and from 02.01.2023 as per previous notification according to the following schedule.

Date	Course/ Programme	Time	Subject & Paper	Room No.	Time	Subject & Paper	Room No.
02.01.2023	UG (Hons.)	11:15	Bengali-CC1	A-99	12:00	Bengali-CC2	A-99
02.01.2023	UG (Hons.)	11:15	English-CC1	A-100	12:00	English-CC2	A-100
02.01.2023	UG (Hons.)	11:15	History-CC1	A-104	12:00	History-CC2	A-104
02.01.2023	UG (Hons.)	11:15	Political Sc. - CC1	A-106	12:00	Political Sc. - CC2	A-106
02.01.2023	UG (Hons.)	11:15	Sanskrit-CC1	H-84	12:00	Sanskrit-CC2	H-84
02.01.2023	UG (Hons.)	11:15	Philosophy - CC1	H-85	12:00	Philosophy- CC2	H-85

Examinations of other subjects will be held in the departmental class Rooms according to the time mentioned above i.e. CC1 at 11:15 A.M. and CC2 at 12 Noon.

Head of the departments are requested to take necessary steps to complete the examinations according to the schedule.

*J. K. Panichha*

Principal,  
Suri Vidyasagar College

Phone: 03462 255504 Page 1



# SURI VIDYASAGAR COLLEGE (GOVT. SPONSORED)



SURI, BIRBHUM, 731101.

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Affiliated to the University of Burdwan

B. A., B. Sc. & B. Com. (Hons. & General) & M. Sc. in Zoology

No. SVC/16/2023

Date: 10.01.2023

## Notice

Classes of Semester-I and Semester-III scheduled to be held on Arovinda Bhawan, H84 and H-85 will remain suspended on and from 10.01.2023 to 14.01.23 due to the Semester end Examination, 2022 of Semester-V.

Some special classes may be held during the Semester end Examination, 2022 of Semester-V scheduled to be held on and from 10.01.2023 to 24.01.2023 subject to the availability of Class Rooms and teachers. Students are informed to contact with Head of the departments and other teachers.

All classes will remain suspended on 21.01.2023 and 24.01.2023 due to the Semester end Examination, 2022 of Semester-V.



*D. K. Panichha 10/01/2023*

Principal

Suri Vidyasagar College

Principal,

Suri Vidyasagar College

**SURI VIDYASAGAR COLLEGE (Govt. Sponsored)**  
**SURI VIDYASAGAR COLLEGE (Govt. Sponsored)**  
**Suri, Birbhum**

No.:- 16/19(Morn)

Date: - 14/01/2019

Notice

The students of B.A 3<sup>rd</sup> year (Morning) are directed to appear for viva voce test on the following scheduled.

Date	Subject	Time	Venue	Room No
21.01.19	HIST,	8.00am	Aurovinda Bhaban	99
21.01.19	POL.SC,	8.00am	Aurovinda Bhaban	100
21.01.19	PHY.EDU	8.00am	Aurovinda Bhaban	98
22.01.19	BENG,	8.00am	Aurovinda Bhaban	104
22.01.19	SANS,	8.00am	Aurovinda Bhaban	100
22.01.19	ENVS,	8.00am	Aurovinda Bhaban	99
22.01.19	PHIL	8.00am	Aurovinda Bhaban	106

*[Signature]*  
Teacher-in-charge  
14.01.19  
Morning Arts  
SURI VIDYASAGAR COLLEGE

**SURI VIDYASAGAR COLLEGE (Govt. Sponsored)**  
**Suri, Birbhum**  
**MORNING SHIFT**

No.- 20 /2019(Morn)

Date: - 11/04/2019

Notice

Internal exam for Sem-IV (morning shift) will be held as per following schedule.

B.A GENERAL SEMESTER -IV INTERNAL EXAM 2019

Date	Time	Subject
10 <sup>th</sup> May 2019	8:00-8:30 AM	Bengali
10 <sup>th</sup> May 2019	9:00-9:30 AM	Pol. Science
11 <sup>th</sup> May 2019	8:00-8:30 AM	Philosophy
11 <sup>th</sup> May 2019	9:00-9:30 AM	History
13 <sup>th</sup> May 2019	8:00-8:30 AM	L2-2
13 <sup>th</sup> May 2019	9:15-9:45 AM	SEC
14 <sup>th</sup> May 2019	9:00-9:30 AM	Sanskrit
14 <sup>th</sup> May 2019	9:00-9:30 AM	Physical Education

N.A: অনিবার্হ উনিবের্সিটি এর। অঃ অডিট  
এবং অঃ অডিট অঃ অডিট

*[Signature]*  
Teacher-in-charge  
Morning Arts  
SURI VIDYASAGAR COLLEGE

## SURI VIDYASAGAR COLLEGE

### MORNING SHIFT

#### INVIGILATION DUTY CHART OF B.A. GENERAL SEMESTER II INTERNAL EXAMINATION 2019

Date: 06.05.2019	Time: 8.00 – 8.30	Sub: Bengali
SC, SB, AA, CA, CS, PB, BS, SM, US, AM, WM, BM.		
Date: 06.05.2019	Time: 9.00 – 9.30	Sub: Political Science
SC, SB, AA, CA, CS, PB, BS, SM, US, AM, WM, BM.		
Date: 07.05.2019	Time: 8.00 – 8.30	Sub: Philosophy
SC, SB, AA, CA, CS, PB, BS, SM, US, AM, WM, BM.		
Date: 07.05.2019	Time: 9.00 – 9.30	Sub: History
SC, SB, AA, CA, CS, PB, BS, SM, US, AM, WM, BM.		
Date: 08.05.2019	Time: 8.00 – 8.30	Sub: L2-1
SC, SB, AA, MM, CS, PB, BS, SM, US, AM, WM, BM.		
Date: 08.05.2019	Time: 9.00 – 9.30	Sub: L2-1
SC, SB, AA, MM, CS, PB, BS, SM, US, AM, WM, BM.		
Date: 14.05.2019	Time: 8.00 – 8.30	Sub: Sanskrit & Physical Education
AM, SM, BS, CA, PB, CS.		

↓  
03/05/19  
Morning Arts  
SURI VIDYASAGAR COLLEGE

**SURI VIDYASAGAR COLLEGE**

**MORNING SHIFT**

**INVIGILATION DUTY CHART OF B.A. GENERAL SEMESTER IV INTERNAL  
EXAMINATION 2019**

Date: 10.05. 2019	Time: 8.00 – 8.30	Sub: Bengali
CS, US, SM, PB, BS, AA, SC, AM, WM, KC, SB, MM.		
Date: 10.05. 2019	Time: 9.00 – 9.30	Sub: Political Science
CS, AM, SM, BS, US, WM.		
Date: 11.05. 2019	Time: 8.00 – 8.30	Sub: Philosophy
KC, US, CS, BM, BS, AM.		
Date: 11.05. 2019	Time: 9.00 – 9.30	Sub: History
US, BM, BS.		
Date: 13.05. 2019	Time: 8.00 – 8.30	Sub: L2-2
CA, BS, CS, SM, PB, AA, KC, AM, WM, MM, BM, US.		
Date: 13.05. 2019	Time: 9.15– 9.45	Sub: SEC
CA, BS, CS, SM, PB, AA, KC, AM, WM, MM, BM, US.		
Date: 14.05. 2019	Time: 9.00 – 9.30	Sub: Sanskrit & Physical Education
SM, CS, AM, PB, BS, CA.		

*Done.*  
02/05/19  
MOUNSINGPATIS  
SURI VIDYASAGAR COLLEGE



**SURI VIDYASAGAR COLLEGE (Govt. Sponsored)**

**Suri, Birbhum  
MORNING SHIFT**

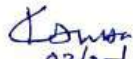
Date:- 03.05.2019

No.:- 22/2019(Morn.)

**Invigilation Duty Sheet**

**B.A GENERAL SEMESTER -II INTERNAL EXAM 2019**

Date	Time	Subject	Room	Room no	Invigilator Name
6 <sup>th</sup> May 2019	8:00-	Bengali-406	4	A99-	CS, PB, SC
	8:30			A100-	BS, CA, SB
	AM			A104-	AA, SM, US
				A106-	AM, WM, BM
6 <sup>th</sup> May 2019	9:00-	Pol. Science-505	4	A99-	CS, PB, SC
	9:30			A100-	BS, CA, SB
	AM			A104-	AA, SM US
				A106-	AM, WM, BM
7 <sup>th</sup> May 2019	8:00-	Philosophy-641	6	A99-	AA, PB
	8:30			A100-	SM, CS
	AM			A104-	CA, BS
				A106-	AM, SC
				84	SB, US
				98	WM, BM
7 <sup>th</sup> May 2019	9:00-	History-454	4	A99-	AA, PB, US
	9:30			A100-	SM, CS, SB
	AM			A104-	CA, BS, BM
				A106-	AM, SC, WM
8 <sup>th</sup> May 2019	8:00-	L2-1, -500 University Roll 180431010001- 180431010500	6	A99-	SM, CS
	8:30			A100-	AA, PB
	AM			A104-	AM, SC
				A106-	MM, BS
				84-	WM, BM
				98-	SB, US
8 <sup>th</sup> May 2019	9:00-	L2-1, -500 University Roll 180431010501- 180431011012	6	A99-	SM, CS
	9:30			A100-	AA, PB
	AM			A104-	AM, SC
				A106-	MM, BS
				84-	WM, BM
				98-	SB, US
14 <sup>th</sup> May 2019	8:00-	Sanskrit-225	2	A104-	SM, AM
	8:30			A106-	BS, CA
14 <sup>th</sup> May 2019	8:00-	Physical Education-48	1	98-	PB, CS

  
 03/05/19  
 Teacher-in-charge  
 Morning Arts  
 SURI VIDYASAGAR COLLEGE



SURI VIDYASAGAR COLLEGE (Govt. Sponsored)

Suri, Birbhum

MORNING SHIFT

No.: 72 /2019(Morn)

Date: 09.05.2019

Invigilator<sup>ion</sup> Duty Sheet

B.A GENERAL SEMESTER -IV INTERNAL EXAM 2019

Date	Time	Subject	Room	Room no	Invigilator Name
10 <sup>th</sup> May 2019	8:00-8:30 AM	Bengali- 350	4	A99-	US, CS, SM
				A100-	PB, BS, AA
				A104-	SC, AM, WM
				A106-	KC, SB, MM
10 <sup>th</sup> May 2019	9:00-9:30 AM	Pol. Science- 128	2	A99-	CS, AM, SM
				A100-	BS, US, WM
11 <sup>th</sup> May 2019	8:00-8:30 AM	Philosophy- 214	2	A99-	KC, US, CS
				A100-	BM, BS, AM
11 <sup>th</sup> May 2019	9:00-9:30 AM	History-107	1	A100-	US, BM, BS
13 <sup>th</sup> May 2019	8:00-8:30 AM	L2-2-441	4	A99-	BS, CA, US
				A100-	CS, SM, BM
				A104-	PB, AA, KC
				A106-	AM, WM, MM
13 <sup>th</sup> May 2019	9:15-9:45 AM	SEC-	4	A99-	AM, WM, KC
				A100-	PB, AA, MM
				A104-	CS, SM, BS
				A106-	US, BM, CA
14 <sup>th</sup> May 2019	9:00-9:30 AM	Sanskrit-47	1	A100-	SM, CS, AM
14 <sup>th</sup> May 2019	9:00-9:30 AM	Physical Education- 26	1	A98-	PB, BS, CA

*[Signature]*  
07/05/19  
In-charge  
Morning Arts  
SURI VIDYASAGAR COLLEGE

**SURI VIDYASAGAR COLLEGE (Govt. Sponsored)**  
**SURI, BIRBHUM**  
**MORNING SHIFT**  
**NOTICE**

Ref No. *R5/2019(MORN)*

DATE - 19/06/2019

Students of Sem-II and Sem-IV who did not appear in Examination earlier are directed to appear in internal Examination on 25.06.2019 at 8:00am.

Venue : **Arabinda Bhaban**

**B.A GENERAL SEMESTER -II INTERNAL EXAM 2019**

Date	Time	Subject
25 <sup>th</sup> June 2019	8:00AM	Bengali, Pol.Science, Philosophy, History, Sanskrit , Physical Education, L2-1.

**B.A GENERAL SEMESTER -IV INTERNAL EXAM 2019**

Date	Time	Subject
25 <sup>th</sup> June 2019	8:00AM	Bengali, Pol.Science, Philosophy, History, Sanskrit , Physical Education, L2-2, SEC.

*Sownd.*  
*19/06/19*  
**Teacher-in-charge**  
**Morning Arts**  
**SURI VIDYASAGAR COLLEGE**

# SURI VIDYASAGAR COLLEGE (GOVT. SPONSORED)



SURI, BIRBHUM, 731101.

ACCREDITED BY NAAC-B\*\*

AFFILIATED IN:

B. A., B. Sc. & B. Com. With HONS. SUBJECTS. & M. Sc. in Zoology

No. SVC/ 40 /19

Date: 12.09.2019

## Notice

The undersigned is pleased to inform you that Suri Vidyasagar College has been selected as nodal College of Birbhum district for organizing the observance of "Celebration of Bi-Centenary Birth Anniversary of Pandit Iswar Chandra Vidyasagar" on 26.09.2019.

In this, a meeting will be held on 13.09.2019 at H-84 at 2:00 P.M. to discuss on the organization of observance programme.

All Staffs are requested to attend the meeting for success of the celebration programme.

*J. K. Parichha* 12/09/19  
Dr. Tapan Kr. Parichha  
Principal  
Suri Vidyasagar College  
Principal  
Suri Vidyasagar College

P.O. SURI, BIRBHUM, PIN - 731 101  
Phone: SURI - (03462) 255504, 257054  
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Website: [www.surividyasagarcollege.org.in](http://www.surividyasagarcollege.org.in) e-mail: [surividyasagarcollege1942@gmail.com](mailto:surividyasagarcollege1942@gmail.com)

Notice

Internal exam for Sem. I, II & V concerning subjects will be held as per following schedule

B.A GENERAL INTERNAL EXAM 2019

Date	Time 7:30 - 8:00am	Time 8:30 - 9:00 am	Time 9:30 - 10:00 am
27.11.19	Phy. Edu Sanskrit (1 <sup>st</sup> Sem)	Philosophy (1 <sup>st</sup> Sem)	Pol. Science (1 <sup>st</sup> Sem)
28.11.19	History (1 <sup>st</sup> Sem)	Bengali (1 <sup>st</sup> Sem)	Bengali (1 <sup>st</sup> Sem)
29.11.19	Phy. Edu Sanskrit (3 <sup>rd</sup> Sem)	I. I (1 <sup>st</sup> Sem)	I. I (1 <sup>st</sup> Sem)
30.11.19	History (3 <sup>rd</sup> Sem)	Philosophy (3 <sup>rd</sup> Sem)	Pol. Science (3 <sup>rd</sup> Sem)
02.12.19	Phy. Edu Sanskrit (Sec - I)	I. I (3 <sup>rd</sup> Sem)	I. I (3 <sup>rd</sup> Sem)
03.12.19	Bengali (Sec - I)	Pol. Science (Sec - I)	Philosophy (Sec - I)
04.12.19	History (Sec - I)	Phy. Edu Sanskrit (5 <sup>th</sup> Sem)	Pol. Science (5 <sup>th</sup> Sem)
05.12.19	History (5 <sup>th</sup> Sem)	Bengali (5 <sup>th</sup> Sem)	Philosophy (5 <sup>th</sup> Sem)
06.12.19	Phy. Edu History (Sec -II)	Pol. Science Sanskrit (Sec -II)	Bengali Philosophy (Sec -II)
07.12.19	Phy. Edu History (General) (E.C.)	Pol. Science Sanskrit (General) (E.C.)	Bengali Philosophy (General) (E.C.)

Teacher-in-charge  
Morning Arts  
SURI VIDYASAGAR COLLEGE

Principal  
Suri Vidyasagar College

22.11.19

22.11.19

22/11/19

22.11.19



SURI VIDYASAGAR COLLEGE (Govt. Sponsored)  
Suri, Birbhum  
MORNING SHIFT

Date: - 18.11.2019

Notice

Internal exam for Sem-I, III & V (morning shift) will be held as per following schedule

B.A GENERAL INTERNAL EXAM 2019

Suri Vidyasagar College (Govt. Sponsored)  
Suri, Birbhum. PIN-731101  
(Accredited by NAAC 'B')

No.svc/581/19

Date: 07.12.19

Notice

Classes of SEM-I, SEM-III & SEM-V will remain suspended from 10/12/19 to 18/12/19 due to SEM-I (Hons. & Gen.) Examination, 2019 of the University of Burdwan.

Some Classes of SEM-V (Hons. & Gen.) may be held with special routine subject to the availability of Class room and teacher. Students are directed to contact with H.O.D.'s.

*T. K. Parichha*  
(Dr. Tapan Kumar Parichha)  
Principal  
Suri Vidyasagar College  
Suri Vidyasagar College

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(General) E.U.

*S. S. Saha*  
20.11.19  
Teacher-in-charge  
Morning Arts  
SURI VIDYASAGAR COLLEGE

*A. K. Saha*  
22.11.19

Principal  
Suri Vidyasagar College

*S. S. Saha*  
22/11/19

*K. S. Saha*  
22/11/19

*A. K. Saha*  
22.11.19