

**Criterion 2:  
Teaching-  
learning and  
Evaluation**

# **2.5 Evaluation Process and Reforms**

**2.5.1 Mechanism of  
internal assessment is  
transparent and  
robust in terms of  
frequency and mode**

# **INTERNAL ASSESSMENT**

**Internal  
Assessment  
Question  
Paper**

**SONAMUKHI COLLEGE**  
**INTERNAL ASSESSMENT 2022-23**

**SUB: ENGLISH (H)**

**PAPER: C-1**

**Total Marks – 10**

**Time – 45 Minutes**

**Answer any Two (02) of the following questions:**

**5X2=10**

1. Name any two world famous epics with their poets other than *Ramayana* and *Mahabharata*. Write six major characteristics of epics. 2+3=5
2. What is benediction? Comment on the prologue to *Abhijnana Shakuntalam*. 3+2=5
3. How does mother Kunti try to tempt Karna in *The Temptation of Karna*? 05
4. Briefly examine the role of Shakuni in the game of dice. 05

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**SONAMUKHI COLLEGE**  
**INTERNAL ASSESSMENT 2022-23**

**SUB: ENGLISH (H)**

**PAPER: C-2**

**Total Marks – 10**

**Time – 45 Minutes**

**Answer any Two (02) of the following questions:**

**5X2=10**

1. "Vayne man", said she, "that does in vaine assay,"  
Who said this and to whom? Explain the significance of 'vayne' and 'vaine'. 2+3=5
2. "Black ink my love may still shine bright"- what is the contrast made here? Give the central idea of this sonnet? 2+3=5
3. Give the substance of the poem "The Sunne Rising". 5
4. Write down a short note on symbol and images used in *A Midsummer Night's Dream*. 05
5. Describe the religious and didactic poetry of Anglo-Norman Period.

**SONAMUKHI COLLEGE**  
**INTERNAL ASSESSMENT 2022-2023**  
Sub: English, Course: Honours, Semester: VI, F.M. 10 Time: 45 mins  
**Paper: C-13**  
**Popular Literature**

**Answer any two of the following questions: 5+5**

1. "Take Khairlanji, for instance-" Who says this and to whom? Where is Khairlanji?  
How did this place come in the news? 1+1+3
2. Write a note on "The Graphic Novel" 5
3. Briefly describe the village king's Abbot portrayed in the novel Murder of Roger Ackroyd. 5
4. Write a short note on symbols and images used in Through The Looking Glass. 5



**SONAMUKHI COLLEGE**  
**INTERNAL ASSESSMENT 2022-2023**  
Sub: English, Course: Honours, Semester: VI, F.M. 10 Time: 45 mins  
**Paper: C-14**  
**Postcolonial Literature**

**Answer any two of the following questions: 5+5**

1. "It knows, stretching past the town," Where from is this line taken? What is 'it' referred to here? What does it know? 1+1+3
2. What does the title of the poem "Revolving Days" mean? What is the central theme of the poem "Revolving Days"? When was this poem written? 2+2+1
3. Briefly sketch the character of Bayardo San Roman. 5
4. Write a short note on Globalization and Literature. 5

SONAMUKHI COLLEGE

B.A. Semester-V(Hons.) Internal Assesment-2022-23

Sub: Education

Course ID (Internal) : 30201 Course Code: AHEDN/301/C-5

Course Title : Education in Pre-Independence India

Full Marks :10

Time :30 Minutes

The figures of the right hand side margin indicate marks.

নিম্নলিখিত প্রশ্নগুলির মধ্যে যে কোন দুটি উত্তর দাও।

5x2=10

Answer any two of the following questions.

- 1)প্রাচীন গুরুকুল প্রথায় পাঠদান পদ্ধতি সম্পর্কে আলোচনা কর।  
Discuss the process of teaching in ancient Gurukul system.
- 2) ১৮১৩ সালের চার্টার অ্যাক্টের আলোচনায় পাশ্চাত্যবাদীদের মতামত বল।  
State the opinion of Orientalist as per Charter Act in 1813.
- 3) মধ্যযুগের শিক্ষা ব্যবস্থার পাঠ্যক্রম সম্পর্কে আলোচনা  
Discuss the Curriculum of medieval education system.

SONAMUKHI COLLEGE

B.A. Semester-V(Hons.) Internal Assesment-2022-23

Sub: Education

Course ID (Internal) : 30201 Course Code: AHEDN/301/C-5

Course Title : Education in Pre-Independence India

Full Marks :10

Time :30 Minutes

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নিম্নলিখিত প্রশ্নগুলির মধ্যে যে কোন দুটি উত্তর দাও।

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Discuss the process of teaching in ancient Gurukul system.
- 2) ১৮১৩ সালের চার্টার অ্যাক্টের আলোচনায় পাশ্চাত্যবাদীদের মতামত বল।  
State the opinion of Orientalist as per Charter Act in 1813.
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Discuss the Curriculum of medieval education system.



**SONAMUKHI COLLEGE**  
B.A. Semester-VI(Hons.) Internal Assesment-2022-23  
Sub: Education  
Course ID (Internal) : 60206 Course Code: AH/EDN/ 603/DSE-3A  
Course Title : Contribution of Great Education

**Full Marks :10**

**Time :30 Minutes**

The figures of the right hand side margin indicate marks.

নিম্নলিখিত প্রশ্নগুলির মধ্যে যে কোন দুটি উত্তর দাও।

5x2=১০

Answer any two of the following questions.

- 1) রবীন্দ্রনাথের শিক্ষা দর্শন সম্পর্কে আলোচনা কর।  
Discuss Rabindranath's Philosophy of Education
- 2) রুশো 'Emile' গ্রন্থে শিক্ষার যে স্তরের কথা উল্লেখ করেছেন তা ব্যাখ্যা করো।  
Discuss Rabindranath's Philosophy of Education.
- 3) Dewey-র Laboratory School  
Dewey's Laboratory school.

**SONAMUKHI COLLEGE**  
B.A. Semester-VI(Hons.) Internal Assesment-2022-23  
Sub: Education  
Course ID (Internal) : 60206 Course Code: AH/EDN/ 603/DSE-3A  
Course Title : Contribution of Great Education

**Full Marks :10**

**Time :30 Minutes**

The figures of the right hand side margin indicate marks.

নিম্নলিখিত প্রশ্নগুলির মধ্যে যে কোন দুটি উত্তর দাও।

5x2=১০

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Discuss Rabindranath's Philosophy of Education.
- 3) Dewey-র Laboratory School  
Dewey's Laboratory school.

SONAMUKHI COLLEGE  
INTERNAL ASSESSMENT – 2022-2023

B. A. 1<sup>st</sup> SEMESTER  
SUBJECT – SANSKRIT

COURSE ID : 10901

COURSE CODE : AHSNS/101C-1

Course Title : Classical Sanskrit Literature (Poetry) and Chanda F. M. 10

1. अधोलिखितेषु एकस्य प्रश्नस्य उत्तरं प्रदेयम् । 10x1 = 10

a) 'स वर्णिलिङ्गी विदितः समाययौ - कस्तावद् वर्णिलिङ्गी?  
किरातार्जुनीयमनुसृत्य तस्य वचनस्य स्वरूपं विस्पष्टं व्याख्येयम् ।

b) किरातार्जुनीयम् इति महाकाव्यानुसारं द्रौपदीवचनं लिख्यताम् ।

c) कुमारसम्भवमनुसृत्य पार्वतीं प्रति ब्रह्मचारिणः उक्तयः वर्णयन्ताम् ।

SONAMUKHI COLLEGE  
INTERNAL ASSESSMENT 2022-2023

B.A. 3<sup>rd</sup> SEMESTER  
SUBJECT- SANSKRIT

COURSE ID : 20905

COURSE CODE : AHSNS/305SEC-1

Course Title : SPOKEN SANSKRIT & COMPUTER APPLICATION F. M. –10

Spoken Sanskrit

A. समीचीनमुत्तरं चिन्तु । (MCQ) 2X5 = 10

1. रामः विद्यालयं गच्छति इत्यत्र वाच्यपरिवर्तने किं रूपम् ?

a) रामेण विद्यालयः गम्यते ।b) रामेण विद्यालयं गम्यते ।

c) रामः विद्यालयं गम्यते ।d)रामेण विद्यालयः गच्छति ।

2.वसन्ते मयूराः ----- ।

a) नर्तिष्यन्तिb) नर्तिष्यति c) नर्तिष्यथd)नर्तिष्यतः

3. वीणापाणि - इत्यत्र कः समासः

a) अत्ययीभावसमासःb) कर्मधारयसमासःc) बहुव्रीहिसमासःd)किमपि न

Computer Application

4. RAM stands for

a) Random origin moneyb) Random only memory

c) Read only memoryd) Random access memory

5. which was first version of Windows?

a) Windows 1.0b) Windows Xc) Windows VISTAd) MS DOS

**SONAMUKHI COLLEGE**  
**INTERNAL ASSESSMENT 2022- 2023**  
**B.A. 2<sup>nd</sup> SEMESTER**  
**SUBJECT- SANSKRIT**

COURSE ID: 20901

COURSE CODE: AHSNS/201C- 3

Course Title: Poetics and Literary Criticism

F. M. - 10

1. अधोलिखितेषु कस्यचिदेकस्य प्रश्नस्य उत्तरं प्रदेयम् ।

10x1 = 10

a) को नाम सन्धिः ? कतिविधः सः ? प्रत्येकं भेद उदाहरणयोगेन व्याख्यायताम् ।

b) का नाम प्रस्तावना ? तस्याः भेदा उदाहरणयोगेन व्याख्यायन्ताम् ।

c) अधोलिखितेषु द्वयोः अलङ्कारयोः लक्षणं सोदाहरणं संस्कृतभाषया देवनागरीलिप्या च लिख्यताम् ।

5X2 = 10

i) श्लेष ii) उपमा iii) भ्रान्तिमान iv) निदर्शना ।

**SONAMUKHI COLLEGE**  
**INTERNAL ASSESSMENT 2023**  
**B.A. 2<sup>nd</sup> SEMESTER**  
**SUBJECT- SANSKRIT**

COURSE ID: 20902

COURSE CODE: AHSNS/202C- 4

Course Title: Classical Sanskrit Literature (Drama)

F. M. 10

1. निम्नोक्तप्रश्नेषु यस्य कस्यचिद् एकस्य प्रश्नस्योत्तरं दीयताम्:

10 x 1 = 10

a. अभिज्ञानशकुन्तले दुष्यन्तचरित्रं पर्यालोच्यताम्।

b. शकुन्तलायाः पतिप्रेम वर्णनीयम् ।

c. 'राजवाहनचरितम्' इति आख्याने वर्णितं राजवाहनचरितं वर्णयताम् ।

SONAMUKHI COLLEGE

DEPARTMENT OF HISTORY

INTERNAL ASSESSMENT, 2022

SEMESTER -III (HONS)

Course ID: 30403

Course Code: AHHST 303 C-7

Course Title: History of Medieval India ( c.1206 A.D. to 1526 A.D. )

Time: 45 minute

F.M. – 10

যে কোন দুটি প্রশ্নের উত্তর দাও :

2×5 = 10

Answer any two questions:

- 1) দিল্লী সুলতানীর প্রতিষ্ঠায় ইলতুৎমিশের ভূমিকা বিশ্লেষণ করো ।  
Analyse the role of Iluttmish in the establishment of the Delhi Sultanate.
- 2) গিয়াসুদ্দিন বলবনের রাজত্বের আদর্শ সম্পর্কে কি জানো ?  
What do you know about the ideal of kingship of Ghiyasuddin Balban ?
- 3) দিল্লী সুলতানী কী ধর্মান্ধী ছিল ?  
Was the Delhi Sultanate a 'Theocracy' ?
- 4) খলজী বিপ্লবের তাৎপর্য কী ছিল ?  
What was the importance of the Khalji Revolution ?

SONAMUKHI COLLEGE

B. A 6th semester (Hons) Internal Assignment, 2022

Department of History

Course ID: 60401

Course Code: AH/HST/601C-13

Course Title: History of India (1947-1992)

Subject:- History

Full Marks: 10

Answer any two of the following questions:

(5×2=10)

নিম্নলিখিত যে কোনো দুটি প্রশ্নের উত্তর দাও:

- a) Describe the fundamental rights of the Indian Constitution .  
ভারতীয় সংবিধানের মৌলিক অধিকারগুলির বিবরণ দাও ।
- b) Was the partition of India inevitable ?  
ভারত বিভাগ কী অনিবার্য ছিল ?
- c) Discuss the Kashmir issue analytically.  
কাশ্মীর সমস্যার বিশ্লেষণমূলক আলোচনা কর ।
- d) What were the reasons for India's Non-Aligned policy ?  
ভারতের জোটনিরপেক্ষ নীতি গ্রহণের কারণগুলি কী ছিল ?

# SONAMUKHI COLLEGE

GEOGRAPHY DEPARTMENT  
INTERNAL ASSESSMENT- 2022

SEMESTER- 1<sup>st</sup> (Hons.)  
Course Title – Geotectonic and Geomorphology  
C- 1T


COURSE ID - 11901

F.M. 10

**Answer any two questions:**

**5×2=10**

- 1) What is Nebula? Write the main criticism of Nebula Hypothesis by Laplace. 2+3
- 2) What is Pangaea? Differentiate between Mantle and Core. 2+3
- 3) What is Climatic geomorphology? Define slope, write the four segments of slope. 2+3
- 4) What is Seismic Shadow zone? Write the three evidence of Continental Drift Theory by A. Wegener. 2+3

 GPS Map Camera



Sonamukhi, West Bengal, India  
7CV5+WM6, Sonamukhi, West Bengal 722207, India  
Lat 23.294527°  
Long 87.409059°  
14/12/22 02:25 PM GMT +05:30

21.09.22  
372

Internal Assessment Test-2022  
Sonamukhi College  
B.Com Honours- 3<sup>rd</sup> Semester  
Course Title- Management Accounting  
Course Code- BCOMH 302C-6

Answer any two questions: 2x5

Full Marks- 10

1. Mention the differences between Financial Accounting and Management Accounting.
2. Discuss in brief advantages of Management Accounting.
3. A firm has current assets of 3 : 1 and quick ratio of 1.2 : 1. If the working capital is Rs.180000, calculate current liabilities, current assets and stock.
4. What do you mean by Fund from Business Operations?
5. Point out the importance or utility of Cash flow Statement.

5th

Sonamukhi College  
5<sup>th</sup> Semester Internal assessment, 2022-23  
BCOMH 501C-11

Course Title: Taxation-1

Time: 1/2 Hours.

F.M:10

1. Answer any five questions:

2x5=10

- যেকোনো পাঁচটি প্রশ্নের উত্তর দাও:
- a) What is previous year?  
পূর্ববর্তী বছর কী?
  - b) What is special tax rate?  
বিশেষ কর হার কি?
  - c) What is Agricultural Income?  
কৃষি আয় কি?
  - d) Mention two incomes which are exempt from tax.  
করমুক্ত দুটি আয় উল্লেখ করো।
  - e) Mention two tax free Perquisites.  
দুটি করমুক্ত বেতন পূরক এর নাম উল্লেখ করো।
  - f) What do you understand by 'income under the head salaries'?  
'বেতন খাতে আয়' বলতে কি বোঝ?
  - g) What do you mean by 'Annual Value' of House Property?  
গৃহ সম্পত্তির 'বার্ষিক মূল্য' বলতে কী বোঝো
  - h) What do you mean by 'earned income' and 'unearned income'?  
'অর্জিত আয়' ও 'অনার্জিত আয়' বলতে কি বোঝো?

**SONAMUKHI COLLEGE**  
**Even-Semester Internal Assignment – 2022 -23**  
**B. Com. Hons. 4<sup>th</sup> Semester**  
**Subject: - Cost Accounting II**

**Course ID: 41201**

**F.M. – 10**

Each question carries equal marks (two)

Answer any five questions:

1. What is Job – Costing?
2. Give two silent features of Contract Costing.
3. What do you mean by Retention Money in Contract Costing.
4. In which fields, Process Costing is applied? Give the name of two industries where it is used.
5. Point out two causes for mismatching the profit between Financial Accounts and Cost Accounts.
6. What is abnormal gain in Process costing?
7. Give two differences between Job Costing and Process Costing.
8. What are the basic difference between Contract Costing and factory based Job Costing.

Sonamukhi College

Internal Assessment-2022

B. Sc Semester-III (Honours) Examination-2022

Session- July-December

Subject- Economics

Course ID-

Course Code- SH/ECO/304/GE-3.1

Course Title Indian Economy-1

Answer any five questions:

2 X 5 = 10

- 1) What do you mean by poverty line?  
দারিদ্র রেখা বলতে কি বোঝ?
- 2) What are the different methods of national income accounting?  
জাতীয় আয় পরিমাপের পদ্ধতিগুলি কি কি?
- 3) Define population explosion  
জনবিস্ফোরণ এর সংজ্ঞা দাও।
- 4) What is disguised unemployment?  
ছদ্মবেকার কাকে বলে?
- 5) Mention two features of new industrial policy 1991.  
নতুন শিল্পনীতি 1991 এর দুটি বৈশিষ্ট্য উল্লেখ কর।
6. Write a short note on cooperative farming.  
টাকা লেখঃ সমবায় চাষ।



**B.Sc. 6<sup>th</sup> Semester (Honours) Internal Examination, 22-23**  
**Subject: BOTANY**

Course ID: 61302

Course Code: SHBOT/602/C-14

Course Title: Plant Biotechnology

Full Marks: 10

Time: 1h

1. Answer any five of the following questions:

(2x5=10)

- a) Mention 2 important features of Cosmid vector.
- b) Describe cybrid with suitable example.
- c) What is the role of auxin and cytokinin ratio in organogenesis?
- d) Name two chemicals which are used in protoplast culture.
- e) Why restriction endonucleases are called molecular scissors?
- f) What do you mean by blunt end and sticky end?
- g) What is micropropagation? Mention 2 advantages.
- h) Mention two important features of pBR 322 vector.

Conducted by P.S. De & S. Ghosh

PSD, 2/5, 11:00 am

**B.Sc. 6<sup>th</sup> Semester (Honours) Internal Examination, 22-23**  
**Subject: BOTANY**

Course ID: 61306

course Code: SHBOT/603/DSE-3

Course Title: Industrial & Environmental Microbiology

Full Marks: 10

Time: 1h

1. Answer any five of the following questions:

2x5=10

- a) What is the function of sparger in a bioreactor?
- b) What is natural penicillin? Name one microbes which can produce penicillin.
- c) What is stirred tank fermenter?
- d) How we can screen amylase producing microorganisms?
- e) What is Mycorrhizae?
- f) Name two enzymes which have large scale applications as immobilized enzymes.
- g) What do you mean by BOD?
- h) What do you mean by downstream processing?

Conducted by PSDe

# SONAMUKHI COLLEGE

BANKURA UNIVERSITY

Internal Assessment 2022

B.Sc.(Hons.)1<sup>st</sup> Semester

COMPUTER SCIENCE

Course Code: SH/CSC/101/C-1

Course Title: Programming Fundamentals Using C

Time: 1 Hr.

Full Marks: 10

Answer any five of the following questions:

2×5=10

1. i) Why is C called a mid-level programming language?
- ii) What is the use of printf() and scanf() functions? Also explain format specifiers?
- iii) What are the features of the C language?
- iv) What is conditional operator?
- v) What is preprocessor?
- vi) Write down the differences between while loop and do-while loop?
- vii) What are the basic data types associated with C?

# SONAMUKHI COLLEGE

BANKURA UNIVERSITY

Internal Assessment 2022-2023

B.Sc.(Hons.)2<sup>ND</sup> Semester

COMPUTER SCIENCE

Course Code: SH/CSC/201/C-3

Course Id: 21501

Course Title: Object Oriented Programming

Full Marks: 10

Answer any five of the following questions:

2×5=10

1. What are the concepts of oops?
2. What is meant by Copy Constructors?
3. What are the Operators of C++ that cannot be overloaded?
4. What are types of Inheritance?
5. What is meant by byte code in java?
6. Java does not support multiple inheritances. Why?
7. List out the operators in Java?
8. Define Garbage Collection?

INTERNAL ASSESSMENT 2022-23

Sonamukhi College

Semester: 5<sup>th</sup>

Course: Hons(Green Chemistry)

Subject: Chemistry

Time: 45 mins

Full Marks: 10

Answer any one of the following:

1. a) What do you mean by Atom Economy

$\text{CH}_3\text{COOH} + \text{C}_2\text{H}_5\text{COOH} \longrightarrow \text{CH}_3\text{COOC}_2\text{H}_5$  determine the atom economy of the reaction.

- b) Short notes on :

- i) Simmon- Smith Reaction
- ii) PTC

(5+5)

2. a) Discuss the basic principles of Green Chemistry

- b) Short notes on :

- i) super critical fluid
- ii) PEG

(5+5)

SONAMUKHI COLLEGE  
INTERNAL ASSESMENT 2022-23

B.Sc. Semester I (Hons.)

SUBJECT- CHEMISTRY (T1) COURSE CODE- UG/CHEM/101/C-1(T1)

F.M. – 10

TIME-45 minutes

---

1. Answer any four questions:

4×1 = 4

- a. Give the orbital picture diagram of  $\text{H}_2\text{C}=\text{C}=\text{CH}_2$ .
- b. Write down the differences between inductive effect and mesomeric effect.
- c. Draw the Flying-Wedge projection formula of (S)-Lactic acid.
- d. Draw the s-cis and s-trans geometry of 1, 3-butadiene.
- e. Chiral molecules always exhibit chiral center- true or false. Justify.
- f. Define the term 'optical purity' of an enantiomeric mixture.

2. Answer any three questions:

3×2 = 6

- a. Explain the term 'non-classical carbocations' with a suitable example.
- b.  $\text{CH}_3$  radical is planar but  $\text{CF}_3$  radical is pyramidal-Explain.
- c. Define the terms aromatic and non-aromatic species in terms of Hückel's rule.
- d. Draw the structure of (2Z, 4R, 5E)-4-chlorohepta-2, 5-diene molecule.
- e. Define field effect with suitable example.

**SONAMUKHI COLLEGE**  
**DEPARTMENT OF CHEMISTRY**  
**INTERNAL ASSESSMENT -2022-23**  
**CHEMISTRY HONOURS (SEMESTER-IV)**  
**INORGANIC CHEMISTRY**  
**COURSE ID-41402**

F.M.-10

Time-45mins.

Answer any five from the following questions.

2X5=10

1. What do you mean by ambidentate ligand? Give example.
2. Give IUPAC name of the following complex compounds.
  - (i)  $K_3[Fe(CN)_5NO]$
  - (ii)  $[Co(NH_3)_6][Cr(CN)_6]$
3. What do you mean by ionization isomerism? Give example.
4. Draw all the geometrical isomers of  $[Co(NH_3)_3Cl_3]$ .
5. Draw all the optical isomers of  $[Co(en)_2Cl_2]^+$ .
6. Interhalogens are more reactive than halogens-Explain.
7. In the +5 oxidation state 'P' forms  $H_3PO_4$  while 'N' forms  $HNO_3$ -Explain.
8. Write short note on Clathrate Compounds.
9. Why all the known Xenon fluorides have even number of fluorine atoms?

6<sup>th</sup> Sem (2022-23) Physics Honors  
Internal Assessment Examination  
Course Title: Statistical Mechanics (C14)  
Department of Physics  
Sonamukhi College

*Answer Any 4 questions.*

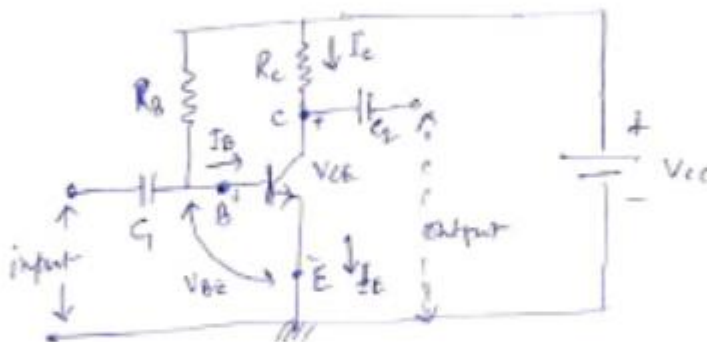
**(4 × 2.5 = 10)**

1. What do you mean by (i) accessible states & (ii)  $\mu$ -space and  $\tau$ -space?
2. A linear harmonic oscillator moves with a constant energy  $E$  along  $x$ -axis. Write down the total energy of the system in terms of its phase space coordinates and draw the phase space trajectory. What modification to the phase trajectory would you expect if the motion is damped?
3. What do you mean by micro states and macro states? Emphasize your answer with an example.
4. A particle of mass  $m$  is thrown vertically upwards from the surface of earth with an energy  $E$ . The particle comes back to its starting point after describing the vertical path. If  $g$  is the acceleration due to the gravity &  $p_x$  is the momentum at a height  $x$ , what will be the phase trajectory? Write down its equation of motion.
5. Four particles are distributed in three non-degenerate state with energies  $0, E$  and  $2E$ . Calculate the number of microstates if the particles are (i) distinguishable (ii) indistinguishable.
6. Consider an isolated system of four non-interacting spins labeled 1, 2, 3, and 4, each with magnetic moment  $\mu$ , interacting with an external magnetic field  $\vec{B}$ . Each spin can be parallel ('up') or antiparallel ('down') to  $\vec{B}$ , with the energy of a spin parallel to  $B$  equal to  $\epsilon_{up} = -mB$  and the energy of a spin antiparallel to  $B$  equal to  $\epsilon_{down} = +mB$ . Let the total energy of the system be  $\epsilon_{total} = -2mB$ . Then,
  - (a) How many microstates of the system correspond to this macrostate? Enumerate these microstates.
  - (b) What is the probability that if spin 1 is 'up', spin 2 is also 'up'?

Write any two questions

5×2

1. Find the Q point of the fixed bias circuit as shown below with following parameters:  
 $V_{CC}=12V$ ,  $R_C=1.2\text{ K}\Omega$ ,  $R_B=240\text{ K}\Omega$ ,  $\beta=100$  and assume  $I_B \ll I_{CBO}$



- What do you mean by biasing of a transistor? What do you mean by load line and Q-point of a transistor amplifier? Draw a self bias circuit. Why it is so called? What is thermal runaway.
- What is a rectifier? Draw a neat circuit diagram for a (i) half-wave and (ii) full-wave rectifier. Calculate ripple factor for any of them.
- Calculate  $V_{bi}$ ,  $x_n$ ,  $x_p$ ,  $W$ , and  $E_{max}$  for a silicon pn junction at zero bias and  $T=300\text{ K}$  for doping concentrations of  $N_a=2 \times 10^{17}\text{ cm}^{-3}$ ,  $N_d=10^{16}\text{ cm}^{-3}$
- A transistor has  $\alpha=0.99$ . If it is connected in CE mode what would be the change in collector current for a change of  $10\text{ }\mu\text{A}$  in the base current?

1<sup>st</sup> Sem (2022-23) Physics Honors  
Internal Assessment Examination  
Course Title: Mathematical Physics I (C1)  
Department of Physics  
Sonamukhi College

*Answer any four questions.*

(4 × 2.5 = 10)

1. Show that, if  $\mathbf{R} = A\sin\omega t + B\cos\omega t$ , where  $A, B, \omega$  are constants, then  $\mathbf{R} \times \frac{d\mathbf{R}}{dt} = -\omega(\mathbf{A} \times \mathbf{B})$ .
2. If  $\mathbf{R} = 5t^2\mathbf{i} + t^3\mathbf{j} - t\mathbf{k}$  and  $\mathbf{Q} = 2\sin t\mathbf{i} - \cos t\mathbf{j} + 5t\mathbf{k}$ , then find (i)  $\frac{d}{dt}(\mathbf{R} \cdot \mathbf{Q})$  and (ii)  $\frac{d}{dt}(\mathbf{R} \times \mathbf{Q})$
3. If  $\mathbf{A} = 2x^2\mathbf{i} - 3yz\mathbf{j} + xz^2\mathbf{k}$  and  $\phi = 2z - x^3y$ , find  $\mathbf{A} \cdot \nabla\phi$  and  $\mathbf{A} \times \nabla\phi$  at the point (1, -1, 1).
4. If  $\frac{d\mathbf{U}}{dt} = \mathbf{R} \times \mathbf{U}$  and  $\frac{d\mathbf{V}}{dt} = \mathbf{R} \times \mathbf{V}$ , then find the value of  $\frac{d}{dt}(\mathbf{U} \times \mathbf{V})$ .
5. Prove that  $\vec{\nabla} \cdot \left(\frac{\vec{r}}{r^n}\right) = 0$ , for  $n$  being an integer
6. (a) Prove that  $\nabla^2 r^n = n(n+1)r^{n-2}$ .  
(b) If  $\omega$  is a constant vector and  $\mathbf{v} = \omega \times \mathbf{r}$ , show that  $\nabla \cdot \mathbf{v} = 0$ .



# SONAMUKHI COLLEGE: ZOOLOGY DEPARTMENT

Assignment for Internal Assessment – 2023

Semester: vi

Paper Name: Endocrinology

Full marks: 10

Answer any 2 of the following questions:  $5 \times 2 = 10$

1. Differentiate between neurosecretions and neurohormones. What are the neurohormones of adrenal gland? Why these hormones are called as catecholamines? Mention one function of each of these hormones. 1+1+1+2
  2. What are the zones of adrenal cortex? Discuss in detail about the groups of hormones secreted from each zone with their functions. 1+4
  3. Discuss in detail about the mechanism of steroid hormone action. What is thyroglobulin. 4+1
- 

## SONAMUKHI COLLEGE

CLASS TEST FOR INTERNAL ASSESSMENT

ZOOLOGY (Honours) SEMESTER –V 2022

Animal Behavior & Chronobiology

Time: 45 Min

Full Marks: 10

Answer the following (Any 2):

$2 \times 5 = 10$

1. Define biological clock. Mention the primary location of biological clock in mammals. Mention the component of suprachiasmatic nucleus (SCN). Describe the ecological importance of biological clock. 1+1.5+1.5+1
2. What is Chronobiology? Write short note on: (I) Circadian rhythm (II) Lunar rhythm. 1+4

2

# **Notices for Internal Assessment**



Communication :: [info@sonamukhicollege.ac.in](mailto:info@sonamukhicollege.ac.in)  
Students' Gateway :: [students@sonamukhicollege.ac.in](mailto:students@sonamukhicollege.ac.in)  
Call # +91-3244-275251

[www.sonamukhicollege.ac.in](http://www.sonamukhicollege.ac.in)

# SONAMUKHI COLLEGE

23°17'41.2"N 87°24'32.9"E  
P.O. & P.S. - Sonamukhi, Dist.-Bankura,  
West Bengal, India -722 207

NAAC: B+ 2022  
AISHE : C-44762

Ref. No. 2022 09 15 0015 /SC/ 01 /Notice

Date :15 / 09 /2022

## Document Verification NOTICE FOR SEMESTER – 1

It is notified that classes will start on 19<sup>th</sup> September 2022. All the students of Semester -1 are directed to appear in the department of his/her Honours / Programme subject for document verification. Date for Honours students – 20/9/2022 & Date for Programme students – 21/9/2022.

Must : (1) Print out of online application (2) copy of DoB Proof, (3) copy of H.S. or equivalent Mark sheet, (4) copy of Caste certificate (if any) with originals for verification. Original School leaving certificate.

Bmm  
15/9/22

**Principal**  
**Sonamukhi College**  
**Sonamukhi, Bankura**

## INTERNAL ASSESSMENT NOTICE FOR SEMESTER 3 & 5

All the students of 3<sup>rd</sup> and 5<sup>th</sup> Semester are hereby informed that the internal assessment in terms of examination will be held on 22<sup>nd</sup> and 23<sup>rd</sup> September 2022. The students are directed to contact his/her mentor and teachers of the respective papers. Internal assessment will be conducted as per subject routine.

Bmm  
15/9/22

**Principal**  
**Sonamukhi College**  
**Sonamukhi, Bankura**

USE MASK & SANITIZER

Copy to : 1) Guard file 2) Head Clerk email 3) TC email



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NAAC:B\* 2022  
AISHE : C-44762

Ref. No. : 202212021215/SC/1/notice

Dated : 02/12/2022

## বিজ্ঞপ্তি

এতদ্বারা সমস্ত প্রথম সেমিষ্টারের ছাত্র-ছাত্রীদের জানানো যাচ্ছে যে, প্রত্যেক বিষয় ভিত্তিক ছাত্র-ছাত্রীদের চারটি পেপারের ইনটারন্যাশনাল অ্যাসেসমেন্ট আগামী ১২/১২/২০২২ এবং ১৩/১২/২০২২ তারিখে নেওয়া হবে। প্রথম সেমিষ্টারের ছাত্র-ছাত্রীদের জানানো যাচ্ছে যে, তারা যেন সংশ্লিষ্ট বিভাগে যোগাযোগ করে বিষয় ভিত্তিক পেপার নির্ধারণ করে এবং নিজ উপস্থিত থেকে উক্ত ইনটারন্যাশনাল অ্যাসেসমেন্টে আংশগ্রহণ করে। অন্যথায় পরবর্তী বিশ্ববিদ্যালয়ের পরীক্ষায় সমস্যা হবে। সকলের সহযোগিতা কাম্য।



*Bmw*  
2/12/2022

অধ্যক্ষ

সোনামুখী কলেজ

Principal  
Sonamukhi College  
Sonamukhi, Bankura  
৩১/১২/২২



Communication :: [info@sonamukhi.college.ac.in](mailto:info@sonamukhi.college.ac.in)  
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West Bengal, India -722 207

NAAC:B\* 2022  
AISHE : C-44762

Ref. No. 202304241035 /SC/ 01/Internal Assessment

Date :24/04/2023

## বিজ্ঞপ্তি

সকল ছাত্র-ছাত্রীকে জানানো যাচ্ছে,

প্রতি সেমিস্টারে ২বার করে Internal assessment হবে এবং পাশ করা আবশ্যিক।

সংশ্লিষ্ট বিভাগ-গুলিকে অনুরোধ করা হচ্ছে Internal assessment দুটি পর্যায়ে করার জন্য। প্রথম পর্যায়ের Internal assessment লিখিত পরীক্ষার মাধ্যমে করতে হবে। ২য় পর্যায়ের Internal assessment করা হবে লিখিত পরীক্ষার মাধ্যমে অথবা Viva বা presentation এর মাধ্যমে।

দুটি পর্যায়ে প্রাপ্ত নম্বরগুলির গড় Internal assessment এর নম্বর হিসাবে গণ্য করে বিশ্ববিদ্যালয়ের portal-এ নথিভুক্ত করা হবে।

২০২২-২৩ শিক্ষাবর্ষের ২য়, ৪র্থ ও ষষ্ঠ সেমিস্টারের Internal assessment পরীক্ষার জন্য সংশ্লিষ্ট বিভাগ-গুলির সাথে যোগাযোগ করতে নির্দেশ দেওয়া হচ্ছে ১৯ থেকে ২৬শে এপ্রিল ২০২৩ এর মধ্যে (গত বিজ্ঞপ্তি অনুযায়ী)।

বিভাগ গুলি :

প্রথম পর্যায়ের Internal assessment সম্পন্ন করবে ৬ই মে ২০২৩ এর মধ্যে।

২য় পর্যায়ের Internal assessment সম্পন্ন করবে ১৫ই মে ২০২৩ থেকে ২০শে মে ২০২৩ এর মধ্যে।

## Notice

All the students of the college are hereby informed that Internal Assessment will be conducted in two phases. **Both phases are compulsory to appear and qualify.**

Students of SEM 2<sup>nd</sup>, 4<sup>th</sup> & 6<sup>th</sup> (2022-23) are directed to check departmental notice, as per previous notice, between 19<sup>th</sup> April 2023 to 26<sup>th</sup> April 2023 in connection to internal assessment(s).

1<sup>st</sup> Phase Internal assessment will be conducted in written mode.

2<sup>nd</sup> phase Internal Assessment will be conducted in any one of written, Viva, Presentation modes as notified by respective department.

**Average of awarded numbers in two assessments will be supplied to university portal as internal mark.**

**No student will be entertained for internal assessment if he/she fails to appear in the schedule date & time of his/her assessments and to qualify. In case of any difficulty, he/she is directed to take advice from department of concerned paper(s).**

All the departments are requested to complete :: 1st Phase internal assessment within 6<sup>th</sup> May 2023 and 2<sup>nd</sup> Phase between 15<sup>th</sup> May and 20<sup>th</sup> May of 2023.

*Bm*  
24/4/2023  
Principal

Sonamukhi, Bankura

# **Scripts of Internal Assignments**

10+  
10

SOMNATH COLLEGE

Name Anpita Ganai

CLASS

UID No- 20203113015

SEM - VI

SUBJECT Plant Biotechnology

MARKS OBTD

2. (b) Cybrid: cybrid is a cytoplasmic hybrid obtained by fusion of cytoplasm of cells of different parental sources a term applied to the fusion of cytoplasm of two different protoplasts.

Ex - The transfer of cytoplasmic male sterility, antibiotic or herbicide resistance in agriculturally useful plants. (2+)

2. (c) Auxin and cytokinin ratio in organogenesis:

→ High cytokinin and auxin ratio promotes shoot ~~root~~ formation.

Low cytokinin and auxin ratio promotes root ~~shoot~~ formation.

It is well established that the auxin cytokinin ratio used in culture media determine the degree of shoot and root formation in tissue culture. (2+)

10+  
10

SONAMUKHI COLLEGE  
Name: Subhajit Lohan  
CLASS: SEM-IV Course ID - 41302  
U.I.D. - 21203113009  
SUBJECT: Plant Ecology and phytogeography.  
MARKS OBTAINED: EXAMINER

a) Commensalism: Commensalism is the symbiosis between two different species, which one species benefits and other species neither nor harm or benefits.

eg. → Epiphytes, plant. i.e. some tropical orchids use trees or branches of the tree for support without benefits or harm.

g) Inverted pyramid are found —

① Inverted pyramid of numbers in parasitic food chain.

② Inverted pyramid of Biomass in aquatic ecosystem.

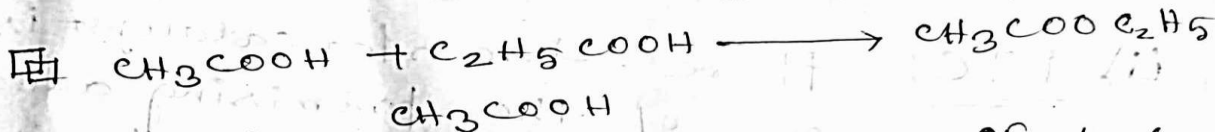
b) Standing crop: The amount of biotic material present at a given time at an ecosystem is known as standing crop. It is applicable both plants.



08/10

Internal Assessment No. 2022-23  
 Name: Subhadip Roy  
 Subject: Chemistry (Hons/G.)  
 College Roll No. 20203114002 (Green Chemistry)  
 Application ID/Regn. No. 1202001632

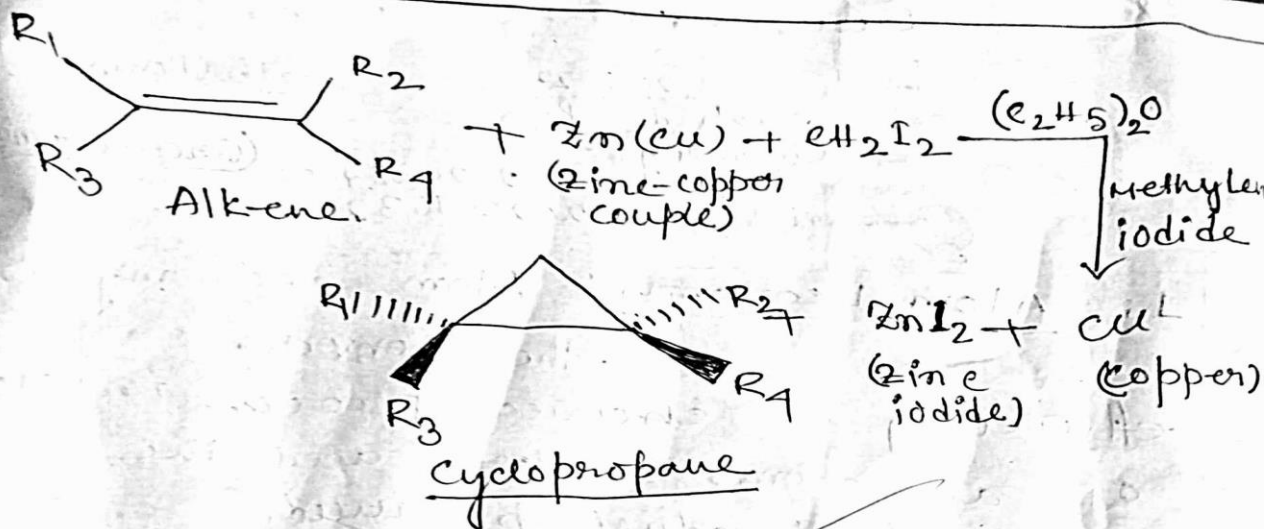
1. Atom Economy: - Atom economy is the efficiency of chemical process in terms of all atoms involved and the desired products produced.



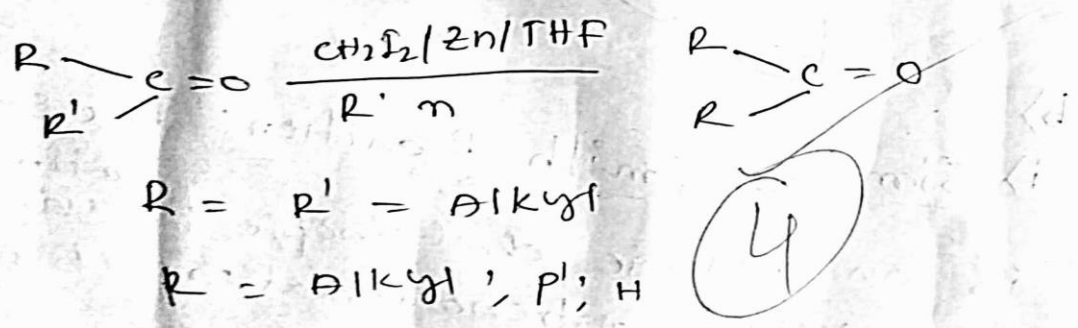
Atomic mass of  $\text{CH}_3\text{COOH} = 60.05 \text{ g/mol}$   
 " " "  $\text{C}_2\text{H}_5\text{COOH} = 88.10 \text{ g/mol}$   
 " " "  $\text{CH}_3\text{COOC}_2\text{H}_5 = 88.11 \text{ g/mol}$

$$\therefore \% \text{Atom economy} = \frac{100 \times 88.11}{106.12} = 83.02\%$$

b) i) Simmon-Smith Reaction: - The Simmon-Smith Reaction is an organic chelotropic involving an organozinc carbenoid that reacts with an alkene (or alkyne) to form a cyclopropane.



(ii) PTC:- Phase-transfer catalyst is one of the promising and special methods for the synthesis of organic compounds, it facilitates the migration of the reactant from one phase to another phase, it is a special in heterogeneous catalysis.



10/11/23  
8

1) Differences between Financial Accounting and Management Accounting.

1) users: Financial Accounting serves the interest of the various categories of persons including external or internal users??

2) Principles: The object of financial accounting is preparing and presenting the accounting information on the basis of generally accepted Accounting Principles (GAAP) and Standard rules. But such GAAP and Standard rules are not considered in the case of management accounting.

3) Statutory obligation: Financial accounting is statutory. i.e. it is must and the accounts must be prepared as per Companies Act and at the time audit of such accounts is compulsory. But management accounting is optional and audit is not compulsory.

4) Presentation of reports: Financial accounting presents annual reports whereas management accounting presents reports covering short or longer periods.

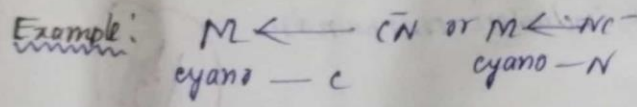
5) Presentation of information: Financial accounting presents historical information while management accounting reveals predetermined and past information.

**SONA MUKHI COLLEGE**

Name: Ashara pal  
 CLASS: 4th sem HDNS (chem)  
 21223119224  
 SUBJECT: Inorganic Chemistry  
 MARKS OBT: ..... EXAMINER: .....

09  
 10  
 sm

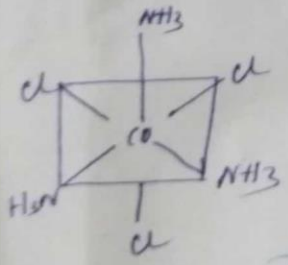
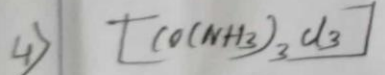
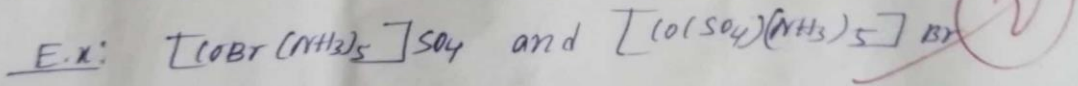
1) Ambidentate ligand: Ligand which has two different donor atom and either of the two but in forming complex, only one is attached with central metal atom called ambidentate ligand.



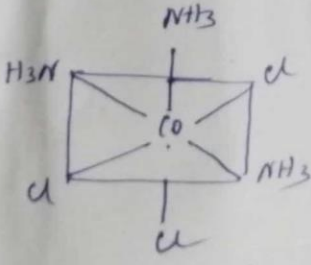
2) (i)  $K_3[Fe(CN)_5NO]$  ⇒ potassium pentacyanonitrosyl ferrate (II)

ii)  $[Co(NH_3)_6][Cr(CN)_6]$  ⇒ Hexammine cobalt (II) hexacyanido chromium (III)

3) Ionisation isomerism: The structural isomers which contain different ions inside and outside the coordination zone, are called ionisation isomers and this phenomenon is called ionisation isomerism.



[Facial isomer]



[Meridional isomer]

**SONAMUKHI COLLEGE**  
 Name: Diproy Pal  
 CLASS: 3rd year ROLL NO. 20201204006 (UID)  
 5th SEMESTER 20  
 SUBJECT: Economics PAPER DSE  
 MARKS OBT: EXAMINER:

09/100

পূর্ণ প্রতিযোগিতামূলক বাজার ও একচেটিয়া বাজারের দুটি পার্থক্য :-  
 পূর্ণ প্রতিযোগিতামূলক বাজারে অসংখ্য বিক্রেতা থাকে, কিন্তু একচেটিয়া বাজারে শুধুমাত্র একজন বিক্রেতা থাকে, পূর্ণ প্রতিযোগিতামূলক বাজারে অনেক ফার্ম বা দোকান নিয়ে একটি মিশ্র বাজার বাজার গড়ে ওঠে, একচেটিয়া বাজারের ক্ষেত্রে শুধুমাত্র একটি ফার্ম বা দোকান নিয়েই বাজার গড়ে ওঠে।

(ii) পূর্ণ প্রতিযোগিতামূলক বাজারে ফার্ম দ্বিধা কিছু দ্রব্যের পরিমাণ চলবানি, একচেটিয়া বাজারে ফার্ম ও দ্রব্যের পরিমাণ উভয়ই চলবানি।

(iii) পূর্ণ প্রতিযোগিতামূলক বাজারে অর্থ দোকান এক দিকে দ্রব্যটি বিক্রি করে কিন্তু একচেটিয়া বাজারে একটি ফার্ম বিক্রি দাকে একই দ্রব্য বিক্রয় করে।

অর্থনৈতিক স্বাধীনতা :- স্বাধীনতার মত কোন মূলধনী দ্রব্যসামগ্রী থেকে যে উপার্জন হয় সেই উপার্জন থেকে মূলধনী দ্রব্যসামগ্রী চালানু রাখার জন্য যে ব্যয় হয় সেই ব্যয় বাস দিলে যা পাওয়া যায় তাতেই আর্থিক স্বাধীনতা বা স্বাধীনতা ক বলে।

নির্ভরতা :- যদি কোর্চ মূল্যের থেকে আর্থিকের নিজস্ব উপাধানগুলির (নিজস্ব জমি, শ্রম ও মূলধন) ব্যয় স্বরূপ যে পাওয়া হোক তাহলে সে মূল্যের থেকে তাতে নির্ভরতা বলে, অর্থাৎ নির্ভরতা মূল্যের থেকে কোর্চ মূল্যের থেকে আর্থিকের নিজস্ব উপাধানের ব্যয় পাওয়া

১/৬

SONAMUKHI COLLEGE  
 Name: Mamoni Gana  
 CLASS: 1st Sem  
 NOEL NO. 1202202542  
 SEMESTER 20  
 SUBJECT: Education (D2)  
 PAPER:  
 MARKS OBTD: EXAMINER:

- ১) শ্র-শিক্ষকের আয়োজনমূলক আলোচনা করা।
- ২) বিদ্যালয় ২য়-৩য়-৪য়-৫য়-৬য়-৭য়-৮য়-৯য়-১০য়-১১য়-১২য়-সংক্রমে চলে যাবে।
- ৩) নিম্নলিখিত বিষয় ও নিম্নলিখিত বিষয়াদি নিয়ে আলোচনা করা।

১) বিদ্যালয়ে শ্র-শিক্ষকের আয়োজনমূলক :-

বিদ্যালয়ে শ্র-শিক্ষকের আয়োজনমূলক তথ্য আভিযুক্তির বিদ্যা সমালোচনা করলে দেখা যায় যে-অতীত শিক্ষা ব্যবস্থায় সামাজিক মানসিক আনন্দের দ্বারা শিক্ষার্থীদের আকর্ষণ করা হয়েছিল। অর্থাৎ শিক্ষার্থীদের আকর্ষণ করা হয়েছিল। অর্থাৎ শিক্ষার্থীদের আকর্ষণ করা হয়েছিল। অর্থাৎ শিক্ষার্থীদের আকর্ষণ করা হয়েছিল।

শ্র-শিক্ষকের আয়োজনমূলক বিষয়গুলোর বিচারে অর্থাৎ সমস্যা হলে শ্র-শিক্ষক। অর্থাৎ শিক্ষার্থীদের আকর্ষণ করা হয়েছিল। অর্থাৎ শিক্ষার্থীদের আকর্ষণ করা হয়েছিল। অর্থাৎ শিক্ষার্থীদের আকর্ষণ করা হয়েছিল।

শ্র-শিক্ষকের Adams বলেছেন : The discipline of the pupil is to positive not merely negative. অর্থাৎ অধীনতায়ও শিক্ষার্থীদের আকর্ষণমূলক শিক্ষার্থীদের আকর্ষণ করা হয়েছিল। অর্থাৎ শিক্ষার্থীদের আকর্ষণ করা হয়েছিল। অর্থাৎ শিক্ষার্থীদের আকর্ষণ করা হয়েছিল।



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Internal Assessment 2022-23 (Year), Semester 3rd

Name: Kashmira Bandyopadhyay

Subject: English (C.C.)

Roll No: 21201103035

### The Victorians

The Victorian era, spanning the duration of Queen Victoria's rule from 1837 to 1901, is characterized by the expanding horizons of education and literacy, as well as by an increased people to question against politics and religion. In poetry an epoch making invention has occurred in 1848 by from "Art for Life's sake" to "Art for Art's sake". In 1848 an artistic association was set up in England by D.G. Rossetti, W.M. Rossetti, J.E. Millais, W.H. Hunt and many others. The group sought a return to the abundant qualities, intense colours and complex composition and their main purpose was to encourage naturalness in painting. They called themselves 'Pre-Raphaelite Brotherhood' a name that alluded to their preferences of late medieval and early renaissance art that came before Raphael. Among the poets whose poetry were greatly influenced by the movement D.G. Rossetti, Morris, A.C. Swinburne are prominent.

D.G. Rossetti :- The eldest of the Pre-Raphaelite school of artists and poets, Rossetti was himself a painter and a poet. In art, as in poetry, he broke away the convention when he saw fit. His poetical works are small in bulk, 'Poems', 'Ballads and Sonnets', 'Blessed Demozel' etc.

Morris :- He produced a great amount of poetry. He is influenced by the romantic theme of poetry.



7/12

Mamang Dai  
02.05.23

<b>SONAMUKHI COLLEGE</b>	
Name	Afroja khatoon
CLASS	6th sem
ROLL NO.	20201103041
SEMESTER	2023
SUBJECT	English (Hons) PAPER C-14 Postcolonial literature
MARF. GRD.	EXAMINER

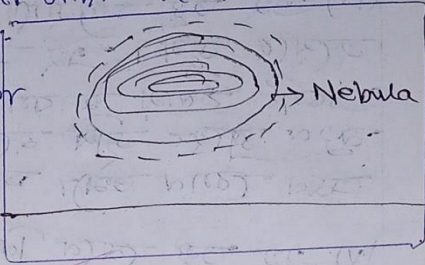
1) The quoted line is taken from Mamang Dai's poem 'Small towns & the River', which is included in her collections 'River Poems' which was first published in 2004. Here, it refers to the river ~~here~~. Here, she tells about the nations of pantheism. 1/4  
3

In this poem the poet has seen the river has a predominant presence. The river is natural object, it has a living force. The poet's beliefs in the presence of god & God in natural objects. It knows everything of the small town & the death & frequent death of small town. Here, the small towns are referred the small town like Phasighat. It knows because the river is permanent. It is depicted as the one alongside which lie numerous small towns, the one with a soul, the one which 'knows' the first drop of rain that rejuvenates the dry earth and, the one which brings grief to the inhabitants of the town in summer. In this way, the river is aware of the immortality of water. In this way, the poet immortalizes the river. She speaks of life during childhood, full of happiness, transitioning into the later life of anxiety, as symbolized by the growth of

### SONAMUKHI COL

Name Saraswati Saren  
 CLASS 1st Semester ROLL NO. UID - 1202208081  
 SEMESTER 22  
 SUBJECT Geography (H) PAPER - Tectonic and Geomorphology  
 MARKS 0/10 EXAMINER

11) Nebula:— অশরৎকালে জন্মান মাটা বরমের মতো  
 ঘূর্ণনশীল অণু-মাথা  
 মাথাকে Nebula মা নিশাবিলা  
 বলে। ঐ জ্ঞানী মের মতে  
 নিশাবিলাব কেন্দ্রে ঐকল  
 জলীয় বাষ্প বসায় হলে  
 গ্রহ উৎপত্তির জন্ম স্থান  
 হলে।



- বৈশিষ্ট্যঃ—
- (i) প্রচুর অণু-ঘূর্ণনশীল অণু-মাথা
  - (ii) অণু-মাথা অধিকতর প্রসারিত হয়।
  - (iii) নিশাবিলা তিন প্রকার মথা—
  - (1) হীপমাথা, (2) আকলন, (3) অক্ষকণ্ডল।

Criticism of Nebula Hypothesis Theory:—  
 1788 সালে জ্ঞানী La-place জীবিত  
 ও স্থানীয় কলিকতা অঞ্চলে যে তত্ত্ব দেয় তা Nebula  
 Hypothesis নামে আশ্রিত। নিশাবিলা এই তত্ত্বটি  
 বিভিন্ন জাতি ও জাতীয়তায় একে একে আলোচনা  
 করে।

- (i) ইহা একটি মনুষ্য অর্থনৈতিক তত্ত্ব।
- (ii) এই তত্ত্বের মাধ্যমে জন্মান গ্রহের উৎপত্তি



GPS Map Camera  
 Sonamukhi, West Bengal, India  
 7CV5+WM6, Sonamukhi, West Bengal 722207, India  
 Lat 23.294527°  
 Long 87.409059°  
 14/12/22 02:23 PM GMT +05:30

Sonamukhi College  
Day Shift

Internal Assessment, 2022 (Term, Semester 3rd)

Name: Subhrajit Halder

Subject: History (Hons/G.E./Prog/Disc/AH/Comp)

College Roll No.: ..... UID: 21201104023

Application No./Regn. No.: .....

Course ID:- 30403

Course code:- AH/HST/303/e-7

Signature  
23.07.22

② তিনিষত্ৰুদিত্তিৰ বলাবলৈ ৰাজতন্ত্ৰিক আঁহত :

তিনিষত্ৰুদিত্তিৰ বলাবলৈ তে ২২ বছৰে নিৰ্মিত সুলাতালী  
আঁহত তে অৰ্থিক আঁহ আঁহিক ৰাৰ আঁহ, প্ৰথম তালৈ  
বৃত্তদাত্তি মেৰা কুৰু ৰাৰ নিত প্ৰক্ষেপ প্ৰথম চহ্মেৰাত্তি বা  
চহ্মেৰা চহ্মেৰা সুলাতালী আঁহত উৰু আঁহ নিৰ্মিত ২২,  
সুলাতালী আঁহত আঁহত আঁহ নিৰ্মিত আঁহত  
২২, কিন্তু তিনি চহ্মেৰা আঁহ তিনিষত্ৰুদিত্তিৰ  
নিৰ্মিত ৰাৰ আঁহ, ২২ত্ৰুদিত্তিৰ ২২ত্ৰুদিত্তিৰ ৩০ বছৰ  
ৰিৰ নিৰ্মিত সুলাতালীৰ ৰাৰ ৩-অৰ্থিক আঁহ  
২২ আঁহত, বলাবলৈ আঁহত ২২ত্ৰুদিত্তিৰ  
ও ২২ত্ৰুদিত্তিৰ ৰাৰত আঁহ ২২, তিনি ৰাজতন্ত্ৰিক  
সুলাতালীৰ ২২, নিৰ্মিত আঁহত ২২ত্ৰুদিত্তিৰ ২২ত্ৰুদিত্তিৰ  
২২ত্ৰুদিত্তিৰ ৰাজতন্ত্ৰিক ২২ত্ৰুদিত্তিৰ ২২ত্ৰুদিত্তিৰ ২২ত্ৰুদিত্তিৰ

তিনিষত্ৰুদিত্তিৰ আঁহত আঁহত ৩ আঁহত ২২ত্ৰুদিত্তিৰ  
২২ত্ৰুদিত্তিৰ ২২ত্ৰুদিত্তিৰ ২২ত্ৰুদিত্তিৰ ২২ত্ৰুদিত্তিৰ  
২২ত্ৰুদিত্তিৰ ২২ত্ৰুদিত্তিৰ ২২ত্ৰুদিত্তিৰ ২২ত্ৰুদিত্তিৰ  
২২ত্ৰুদিত্তিৰ ২২ত্ৰুদিত্তিৰ ২২ত্ৰুদিত্তিৰ ২২ত্ৰুদিত্তিৰ  
২২ত্ৰুদিত্তিৰ ২২ত্ৰুদিত্তিৰ ২২ত্ৰুদিত্তিৰ ২২ত্ৰুদিত্তিৰ

# SONAMU COLLEGE

Name: Soutrik Banerjee

CLASS SEM: - IV

UID: - 21203124004

SUBJECT: Physics (Hons.)

C-8

MARKS OBT.

EXAMINER

Banarjee  
25.02.23

10/10

①  $L\{t^n\} = L\{f(t)\} = \int_0^{\infty} t^n e^{-pt} dt = I$

let,  $pt = u$

$dt = \frac{1}{p} du$

$$\int_0^{\infty} t^n e^{-pt} dt = \int_0^{\infty} \frac{u^n}{p^n} e^{-u} \frac{du}{p}$$

we know

$$\int_0^{\infty} x^{n-1} e^{-x} dx = \Gamma(n)$$

$$= \frac{1}{p^{n+1}} \int_0^{\infty} e^{-u} u^n du$$

$$= \frac{1}{p^{n+1}} \int_0^{\infty} e^{-u} u^{(n+1)-1} du$$

$$= \frac{\Gamma(n+1)}{p^{n+1}} \quad (\text{proved})$$

②  $L\{\sin at\} = \int_0^{\infty} e^{-pt} \sin at \cdot dt = I$

$$I = \sin at \int_0^{\infty} e^{-pt} dt - \int_0^{\infty} \left[ \frac{d}{dt} [\sin at] \int_0^{\infty} e^{-pt} dt \right] dt$$

$$\Rightarrow I = \sin at \cdot \left[ -\frac{1}{p} e^{-pt} \right]_0^{\infty} - \left[ \frac{a}{p} \int_0^{\infty} \cos at \cdot e^{-pt} dt \right]$$

$$I = \frac{a}{p} \int_0^{\infty} \cos at \cdot e^{-pt} dt$$

$$\left[ \frac{a}{p} + \frac{a}{p} \left[ 0 + \frac{a}{p} I \right] \right] = \frac{a}{p} + \frac{a^2}{p^2} I$$

$$\frac{a}{p} \left[ 1 - \frac{a^2}{p^2} I \right] = \frac{a}{p}$$

$$\frac{a}{p} \int_0^{\infty} \cos at \cdot e^{-pt} dt$$

SONA	
Name	SURAJIT BARUA
Class	UID NO. - 20203124009
Sem	→ 6th Sem, Paper → C-13, Electromagnetic Theory
SUBJECT	Physics (Hons).
MARKS OBTD	

9/10 *bal* *Rishi*  
29/11/22

(2) Poynting theorem:-

Poynting theorem states the rate of energy transfer per unit volume from a region of space equals the rate of work done on the charge distribution in the region, plus the energy flux leaving the region.

∴ the work done on an element of charge  $dq$  in time  $dt$  is -

$$dW = \vec{F} \cdot d\vec{l} = dq [\vec{E} + (\vec{v} \times \vec{B})] \cdot \vec{v} dt$$

$$= E \cdot \vec{v} dq dt$$

So, the work done on all charges in same volume  $V$  is given by -

$$\frac{dW}{dt} = \int_V (\vec{E} \cdot \vec{v}) dq = \int_V (\vec{E} \cdot \vec{v}) \rho dV$$

$$\therefore \frac{dW}{dt} = \int_V (\vec{E} \cdot \vec{j}) dV \quad \text{--- (1)}$$

$$\vec{j} = \frac{\nabla \times \vec{B}}{\mu} - \epsilon \frac{\partial \vec{E}}{\partial t}$$

$$\vec{E} \cdot \vec{j} = \frac{\vec{E} \cdot (\nabla \times \vec{B})}{\mu} - \epsilon \vec{E} \cdot \frac{\partial \vec{E}}{\partial t}$$

$$\text{Now, } \nabla \cdot (\vec{E} \times \vec{B}) = \vec{B} \cdot (\nabla \times \vec{E}) - \vec{E} \cdot (\nabla \times \vec{B})$$

$$\vec{E} \cdot (\nabla \times \vec{B}) = \vec{B} \cdot (\nabla \times \vec{E}) - \vec{E} \cdot (\nabla \times \vec{B})$$

From, the 3rd eq. of Maxwell,  $-\nabla \times \vec{E} = \frac{\partial \vec{B}}{\partial t}$  (2)

$$\therefore \vec{E} \cdot (\nabla \times \vec{B}) = \vec{B} \cdot \frac{\partial \vec{B}}{\partial t} - \nabla \cdot (\vec{E} \times \vec{B})$$

From eq. (2) we get -

$$\vec{E} \cdot (\nabla \times \vec{B}) = \vec{B} \cdot \frac{\partial \vec{B}}{\partial t} - \nabla \cdot (\vec{E} \times \vec{B})$$

Internal Assessment Name: Mahmuda Khadun  
Subject: Sanskrit (Hons) (Hons/G.E./Prog/Disc/Mil/Compl)  
College Roll: 1202100324, UID: 21201109011

Roll No: 30903  
Hons/8090-7  
Date: 21/09/2020

Application / DJ Regd. No.

HISTORY OF MEDIC LITERATURE & THEORY OF SELA

वृहदारण्य उपनिषद् शुल्क यजुर्वेदस्य शापथ ब्राह्मणस्य चतुर्विंशत्ये विद्यते। एषा उपनिषद् न केवलम् अकारिणः सुरहन्तो भावगौरवेण अति प्रशंस्यते। अस्याः उपनिषद्ः ऋग्वेदत्रयम् अस्ति। यथाः- मधुखण्डः, मुनिखण्डः, खिलखण्डः च। मधुखण्डे अद्वैतवादः आलोचितः, मुनिखण्डेः याज्ञवल्क्यस्य उपदेशः उपदिष्टः, खिलखण्डे च उपशनावादः वर्णितः। अस्माकं जीवनं यत्नमयम्। परन्तु प्रकृतज्ञानम् एव अत्र अस्माकं परमं काव्यम् - इति वान्ति वृहदारण्य उपनिषद्ः।

१. याज्ञवल्क्यस्य मैथेयो संवादः वृहदारण्य उपनिषद्ः द्वितीय अध्यायस्य चतुर्थब्राह्मणे विराजते। याज्ञवल्क्यस्य भार्यद्वयम्। कात्यायनी मैथेयो च, कः अर्थं याज्ञवल्क्यस्य प्रः ब्रूषि परन्तु गृहीत अलंकारो परन्तु विनमः। प्रः धनप्रम्पतेन परिपूर्ण परन्तु प्रवत्यागी। प्रः बोधगम्य परन्तु अवोध्य। प्रः एव याज्ञवल्क्य - लोचकालं गार्हस्थ्य जीवनम् अतिक्रम्य प्रत्यास गृह्णाथ इति च लोचकालं निश्चितवान्। मैथेयोम आह्वय तेन उपनम - अहम् अस्मात् प्रहानात् अस्मि लण्ड ते अनया कथाकथायना जनं करवानि इति परन्तु मैथेयो तत्क्षणत् उक्तवतो - येनाहं नाम्हता ध्या किमहन तेन कुर्वाम् ? यत् अमृततमस्य तु नाशास्ति वृत्तेन इति। अतः मैथेयो याज्ञवल्क्यं निकथा ब्रह्मिन्तत्वा इति - साक्षात्कारं यान्नामं याचमां कृतवतो - यत्नवत्

Course ID-50902  
Course CODE:  
AH5NS1502C-12

Sonamukhi College  
Day Shift

Internal Assessment (Year), Semester, 5th  
Name: Anamika Dey  
Subject: Sanskrit (Hons/G.E./Prog/Disc/Mid/Cont.)  
College Roll: UID: 20201109626  
Application ID/Regn. No.

WhatsApp No-  
8140041803

A-Mull

1.

ग)

गुजरातप्रदेशस्य जुनागढनगरे शिणीरुपर्वते इशुकाके  
राज्ञः दुद्रुद्रासः शिलालेखः उत्कीर्णः अभवत्, आस्मिन्  
शिलालेखे दुद्रुद्रासः वंशपरिचयः चरित्रवैशिष्ट्यम् च  
प्रकाशितम्,

राजा दुद्रुद्रासः शकतरपतीनाम् अन्यतम श्रेष्ठः  
आसीत्, तस्य पितामहस्य नाम महाक्षत्रपः स्वामी चक्षुतः,  
पितुः नाम क्षत्रप जयद्रामा आसीत्, शकतरपतियु सः  
महावीरः सुशासकः संस्कृतिवान् च आसीत्,

राजा दुद्रुद्रासः महाक्षत्रपः इति उपाधिं जग्राह, सः  
आजसतः राजगुणस्य अधिकारी आसीत्, तथा च उक्ते -  
“आगर्भित प्रभृत्य विदित समुद्रितराजत्वद्वि धारणागुणतः”  
इति, सः महावीरः अमितपराक्रमवान् च आसीत्, सः  
पश्चिम भारतस्य, मध्य भारतस्य, दक्षिण भारतस्य च  
विविधान् देशान् अस्म आत्मवादुवलेन स्य जितवान्,  
एतद्भूते प्रतियुद्धायां वित्तं स किमपि न प्रत्याख्यातवान्,  
समहविजयी अपि सः पराजितानां नृपान् तेषां ससम्भ्र  
राज्यानि प्रत्यर्पयति स्म, स कदापि सम्पद्वलुप्लुतं  
न कृतवान् परन्तु पराजितानां राज्ञाम् आनुगत्यमेव  
गृहीतवान्, शतद्रु तीरवर्तितः योर्धयात् सः वादुवलेन  
विताडितवान्, दक्षिणा पथपति सातकणी सः द्विः पराजित-  
वान्, इति वृत्तं प्रसिद्धस्य हि तस्य पराक्रमः,

राजा दुद्रुद्रासः प्रजावत्सल आसीत्, प्रजानां  
कल्याणाय सः प्रभूतार्थव्यायेन सुवर्शति द्रुद्रस्य संस्कारं  
पूर्तिमाणां च कारयामास, फलद्वयं सः द्वात्शीलः  
आसीत्, कोऽपि जतः यद्वि तस्य

A. M. Dey

# SONAMUKHI COLLEGE

Name: Anamika Dey

CLASS: 6th Sem

20201100026

23

SUBJECT: Sanskrit PAPER: AH3NS1604DSE-4

MARKS OBTD: 09 EXAMINER:

महाकवि भारिचतस्य 'गहिकाव्यम' इति महाकाव्यस्य  
प्रथमसर्गे अयोध्या नरेशस्य वृशरथस्य जीवतवृत्तात्  
वर्णितम्.

सूर्यवंशसम्भवः विविधसद्गुणसमलंकृतः राजाः वृशरथः  
अयोध्याम् अधिवसति स्म, सः सर्वशास्त्रविशारदः धर्मियराज्याः  
वीरश्च आसीत्, सकलभूपालवरणे सः प्रजावत्सलः द्वातशी-  
लश्च आसीत्, देवराजः इन्द्रः यथा अमरावतीम् अधिवसति  
तथैव वासवोपम वृशरथः अयोध्यां वसति स्म, वृशरथस्य  
कोशल्या कैकेयी सुमित्रा चेति तिस्रः पत्नयः आसन्, सः  
सकलगुणाच्चित् सर्वलोकसमावृताश्च आसन्, अपुत्रकः वृशरथः  
पुत्रकामतया पुत्रेष्टि यज्ञं कारयितुं मनश्चकार, इतदर्थं  
सः यज्ञकर्मत्तपुत्रं सर्वलोकमात्य मुनी ऋष्यशृङ्गं राजधानीम्  
आनीतवान्, मुनीकृत ऋष्यशृङ्गं यथाविधि यज्ञकर्मं समादि-  
तवान्, यज्ञात्ते वृशरथस्य तिस्रः पत्नयः वृतावशिष्टं  
दृवि भ्रूयितवत्य, कालक्रमेण ताः सत्तातसम्भवाः जाताः,  
ततः क्रमेण कोशल्यायां रामः, कैकेयायां भरतः,  
सुमित्रायां यमजो लक्ष्मणः शत्रुघ्नो चेति चत्वारि पुत्रः  
अजायन्त, अतिक्रान्तेषु कियत्कालेषु राजा वृशरथः कुल-  
पुरोदितेन वशिष्ठेन कुमारचतुष्टयात्ताम् उपनयत संस्कार-  
कारयामास, उपनयनकृताः राजकुमाराः वशिष्ठं तिकषा वेदाङ्गै-  
सह अखिलवेदान् अधीतवन्तः, ते पितरं वृशरथं तिकषा  
ऋषि विश्वामित्रं यज्ञरहस्यार्थं रामचन्द्रं तपोवत आनयन्त  
वृशरथः समीपम् आजगाम, वृशरथः तं यथाविधि सत्कृत्य  
तस्य आगमनकारणम् अपृच्छत्, जिज्ञासिते तस्मिन् विश्वामित्र  
राक्षसव्रतार्थं सलक्षणां रामचन्द्रं तेन सह तस्य तपोवत  
आगमनाय वृशरथः सम्मतिं याचितवान्, विश्वामित्रस्य आकण्ठं  
यात्रा विरहासदिष्णुरपि वृशरथस्य ऋषिशापेन कुलक्षयम्  
यात्रा ऋषिरपि अभीष्टलाभेन प्रीति



Name: Senjati Randa EGE  
 CLASS: 6th Sem  
 UID: 20203126002  
 SUB: Endocrinology (62607)  
 MARA SUB ID: \_\_\_\_\_

8/2

Paper Name  $\Rightarrow$  Endocrinology (62607)

Ans any 2  $5 \times 2 = 10$

1+1+1+2=5

① Differentiate between neuro secretions and neurohormones. What are the neurohormones of adrenal gland? Why this hormones are called as ~~catechol~~ catecholamines? mention one function of each of this hormones.

1+4=5

② What are the zones of adrenal cortex? Discuss in detail ~~the group~~ about the groups of hormones secreted from each zones with their functions.

4+1=5

③ Discuss in detail ~~the~~ about the mechanism of steroid hormone action. What is thyroglobulin.

④

ANSWERS

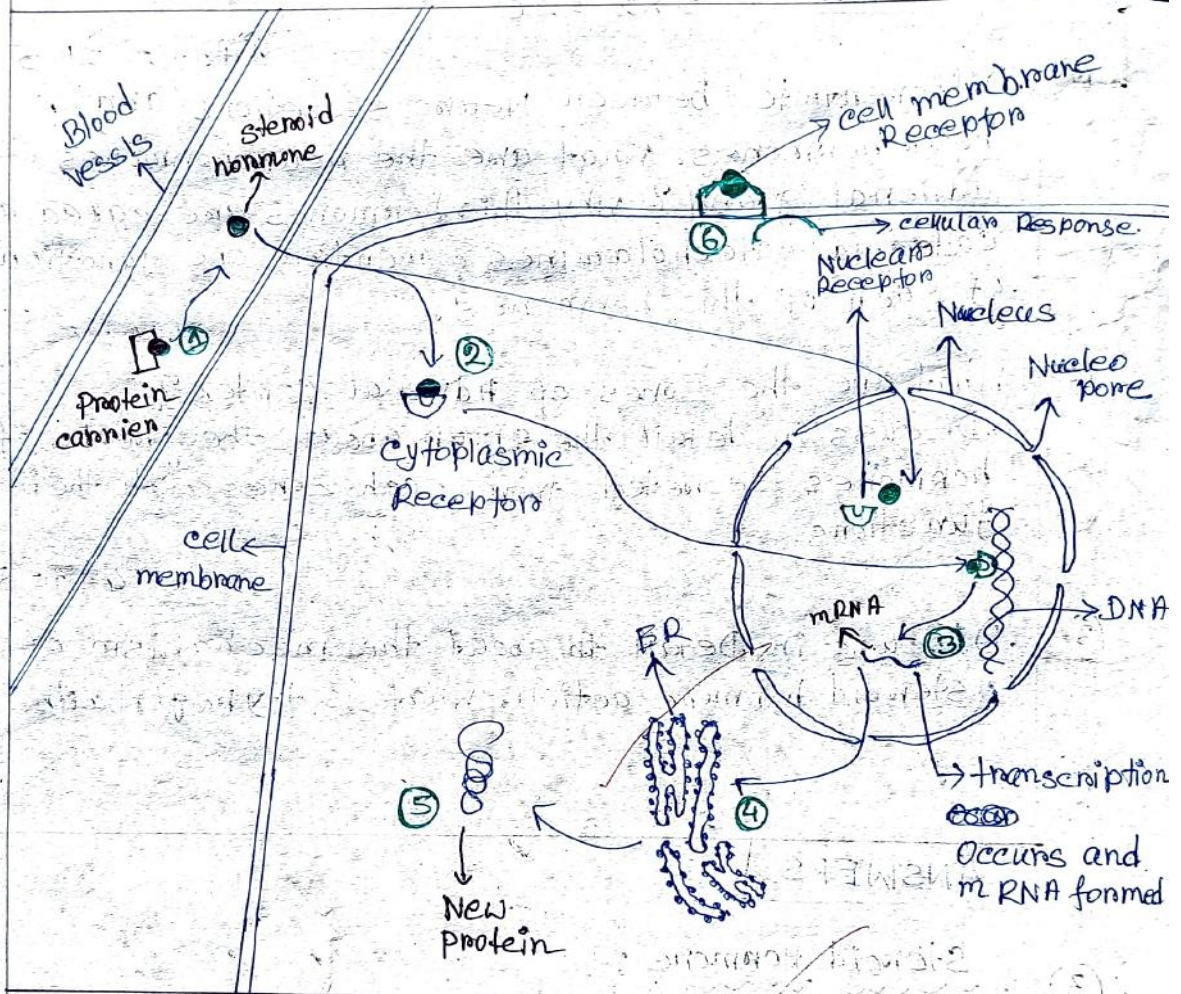
③  $\Rightarrow$  Steroid Hormone :-

Steroid hormones is a chemical messengers that transfer the signals from one cell to another.

Steroid hormones plays an important role in :-

- ① Reproductive functions.
- ② Minerals balance

## Mechanisms of steroid hormones :-



### Explain of Mechanism :-

- 1** Most hydrophobic steroid hormones are bound with plasma protein ~~receptor~~ <sup>carrier</sup>. The unbound steroid hormones are diffuse in the target cell.
- 2** The steroid hormones bound with cytoplasmic receptors or ~~Nuclear~~ <sup>Nuclear</sup> Receptors.

9) 2 = 10

2. Chronobiology  $\Rightarrow$   
Chronobiology is a field of biology that examines periodic (cyclic) phenomena in living organisms and their adaptation to solar and lunar related rhythms. Chronobiology comes from the ancient Greek Chronos meaning 'time' and biology meaning 'study of life.'

Circadian rhythm  $\Rightarrow$   
Circadian rhythms are physical, mental and behavioural changes that follow a 24 hour cycle. These natural processes respond primarily to light and dark and affect most living things, including animals, plants, and microbes. Chronobiology is the study of circadian rhythms.

Circadian rhythms are believed to have originated in the earliest cell to provide protection for replicating DNA, from high ultraviolet radiation during day time. As a result, replication was relegated to the dark. The fungus Neurospora, which exists today, retains this clock regulated mechanism.

Example of circadian rhythms  $\Rightarrow$   
1. The most common circadian rhythm is sleep which remains undisturbed even if a human being is kept isolated from all environmental influences in an underground bunker.

## Lunar rhythms :->

It is well established that there is a correlation of certain animal activities with lunar cycle. Such type of animal behaviour is said to exhibit circalunar or circasynodic periodicity. Most of the organisms showing such lunar activities are marine. They are all affected by the amplitude of tide which is greatest at the time of new moon and full moon and smallest at the time of quarter moon (neap tides).

## Examples of Lunar rhythms :->

The lunar rhythms is well illustrated by conchophthirus lamellidens, a ciliate living as an ectoparasite on the gill's fresh water mussel. They conjugate most freely after full moon, abundant conjugants are produced showing distinct peaks on the days following the new moon. These peaks were not correlated with temperature or other environmental changes. Peaks in population were also seen to occur regularly on the days following the new moon.

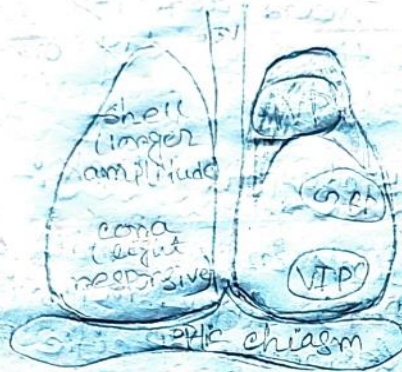
1.

## Biological clock :-

Adum (1971) conceived biological clock as the one that couples the environmental and physiological rhythms to enable the animals to anticipate daily or other periodicities.

It is the mechanism by which the organisms can measure the passage of time. Cloudsly Thompson 1930.

the hypothalamus and thalamus



### Ecological importance of biological clocks.

- 1) more efficient use of environment resource is possible.
- 2) Nocturnal activity may provide greater safety from predators.
- 3) Period of highest humidity may be achieved.
- 4) Provide advance ~~humidity~~ warning of a probable change before the signs of that change.
- 5) Availability of sunlight maybe an important physiological factors.
- 6) Rhythms of predatory animals must be synchronized to their prey.
- 7) A number of animals orient themselves to the sun and use that as a compass direction.

<b>SONAMUKHI COLLEGE</b>	
Name	Paristi Banerjee
CLASS	1202202195
1st sem	SEMESTER 22
SUBJECT	Computer Science PAPER Programming Fundamentals using C
MARKS OBT.	09
EXAMINER	S. Dey

09  
10

i) Mid-level programming language :-  $\rightarrow$  C is called mid-level programming language because it supports the features of both low-level and high-level languages. C language program is converted into assembly code. It supports pointer arithmetic (low-level) but it is machine independent (a feature of high level).

ii) printf() function :-  $\rightarrow$  The printf() function (stand for print formatting) is used to display information required by the user and also print the value of variables.

scanf() function :-  $\rightarrow$  The scanf() function stand for scan formatting and used to formatted data from the keyboard.

Format specifiers :-  $\rightarrow$  Format specifiers in C is used to take input and print output in a type.

SONAMUKHI COLLEGE

Name: Arpita Pramanik

CLASS: Sem-1

ROLL NO.

B.Sc. Com. Sec.

SEMESTER 20.22-23

SUBJECT: Computer Science

PAPER: C1

MARKS OBTL.

09

EXAMINER

J. Sengupta

09  
10

⇒ ① Mid-level programming language ⇒ C is as a middle level language because it is invented to the feature of both high level and low level language. C-programming language is converted into assembly code. It supports pointers arithmetic and it is machine independent. (2)

⇒ Use of printf() → the printf() function is used to print data on the console. The printf() function is the standard C way of displaying output on the screen. (2)

Use of scanf() → the scanf() function is used for input. It reads the input data of console. (2)

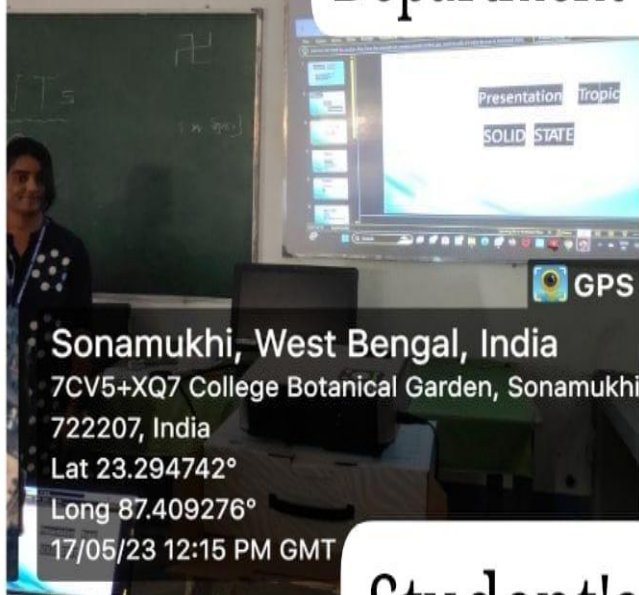
Format specifiers → Format specifiers in C are used to take input and print the output of a type. The symbol % is used in every format specifiers is %.

**Students  
Seminar as a  
Part of Internal  
Assessment**

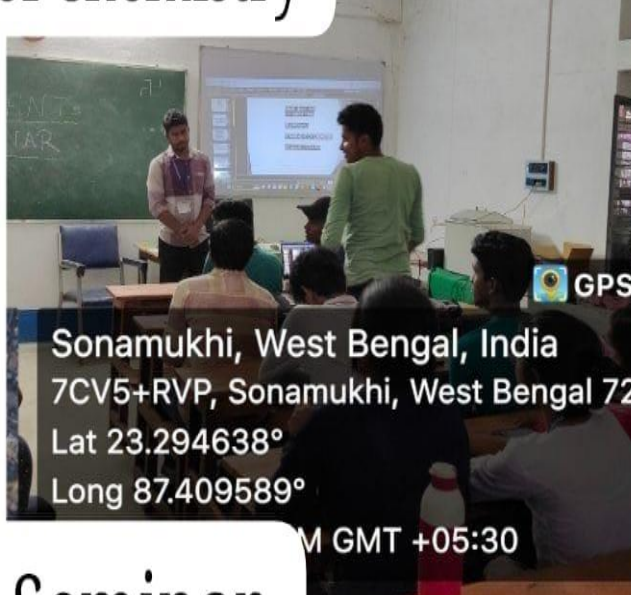


# Sonamukhi College

## Department of Chemistry



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## Student's Seminar

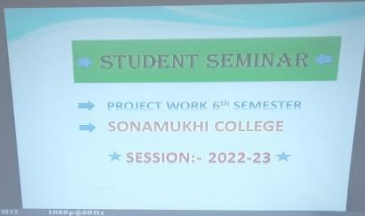


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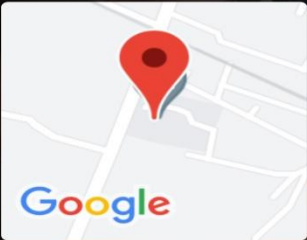


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COMPUTER SCIENCE DEPARTMENT STUDENT SEMINAR

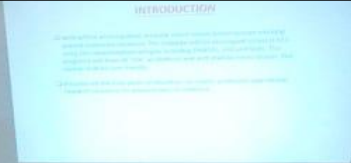


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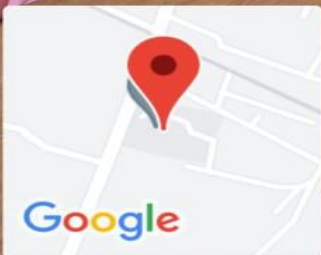


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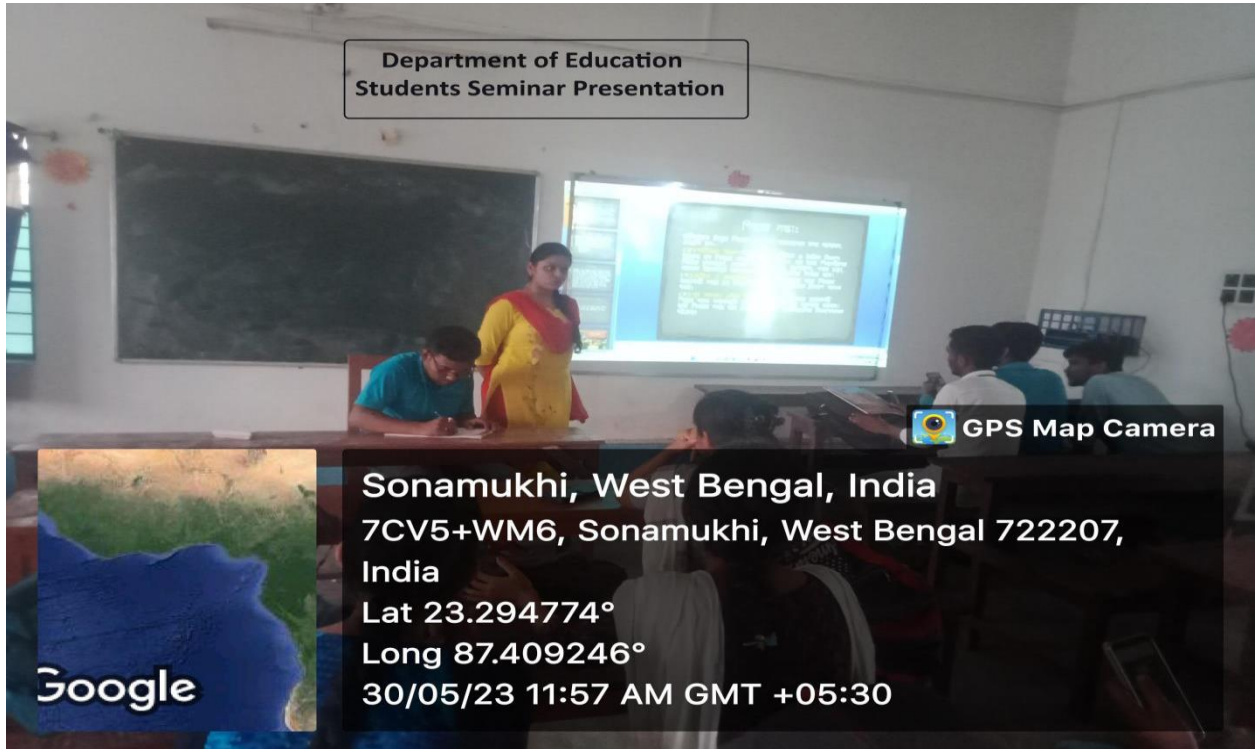
STUDENT'S SEMINAR OF COMPUTER SCIENCE DEPARTMENT



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Department of Education  
Students Seminar Presentation

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Department of Education  
Students Seminar Presentation

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Department of History  
Sonamukhi College  
Student Seminar

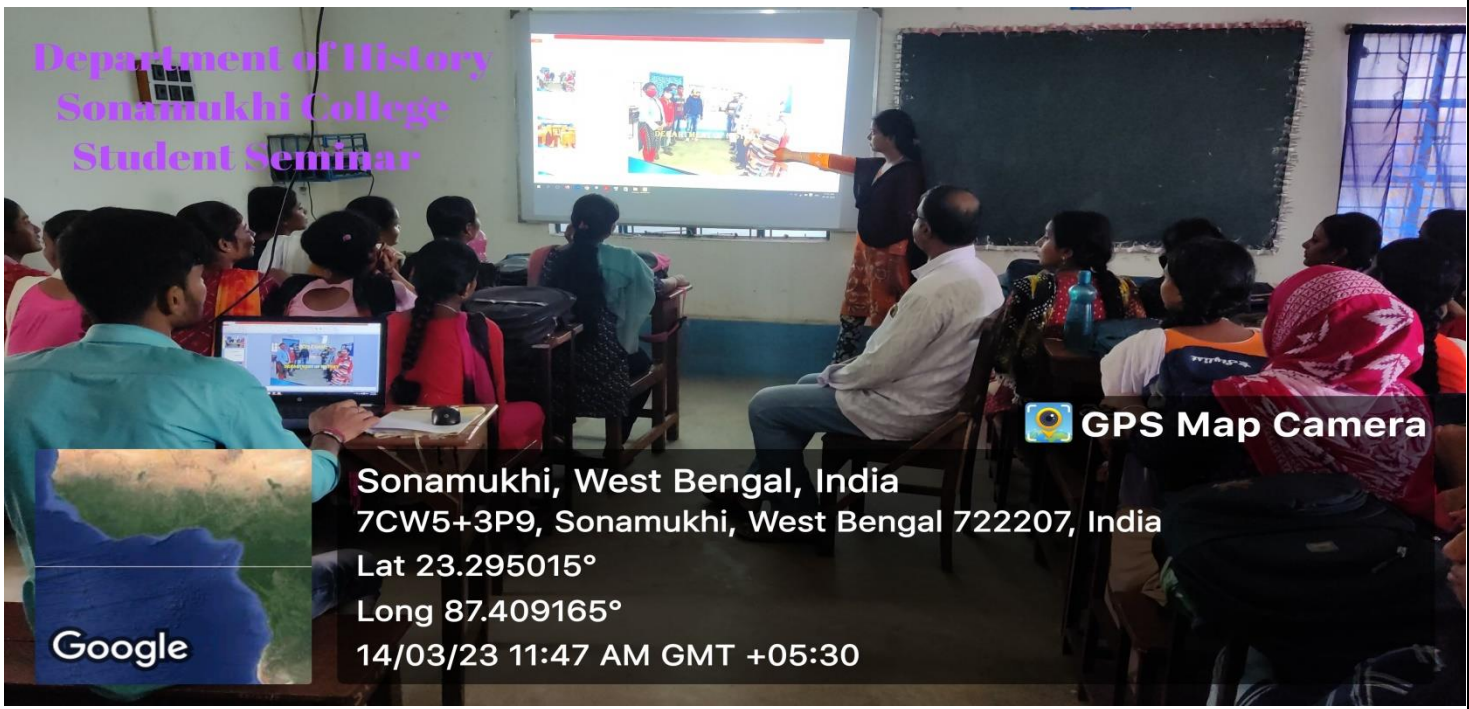


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Department of History  
Sonamukhi College  
Student Seminar



 GPS Map Camera



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STUDENT SEMINAR OF PHYSICS DEPARTMENT

Radioactive Decay

Radioactive decay is the spontaneous disintegration of a nucleus into a slightly lighter nucleus, accompanied by emission of particles, electromagnetic radiation, or both.


Nuclear radiation is particles or electromagnetic radiation emitted from the nucleus during radioactive decay.

An unstable nucleus that undergoes radioactive decay is a **radioactive nuclide**.

All of the nuclides beyond atomic number 83 are unstable and thus radioactive.

Protons and neutrons are called **nucleons**.

An atom is referred to as a **nuclide**.

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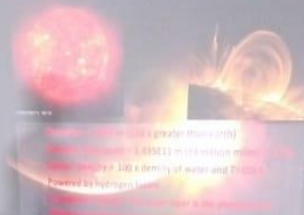
Long 86.359466°

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STUDENT SEMINAR OF PHYSICS DEPARTMENT

The Sun



 GPS Map Camera

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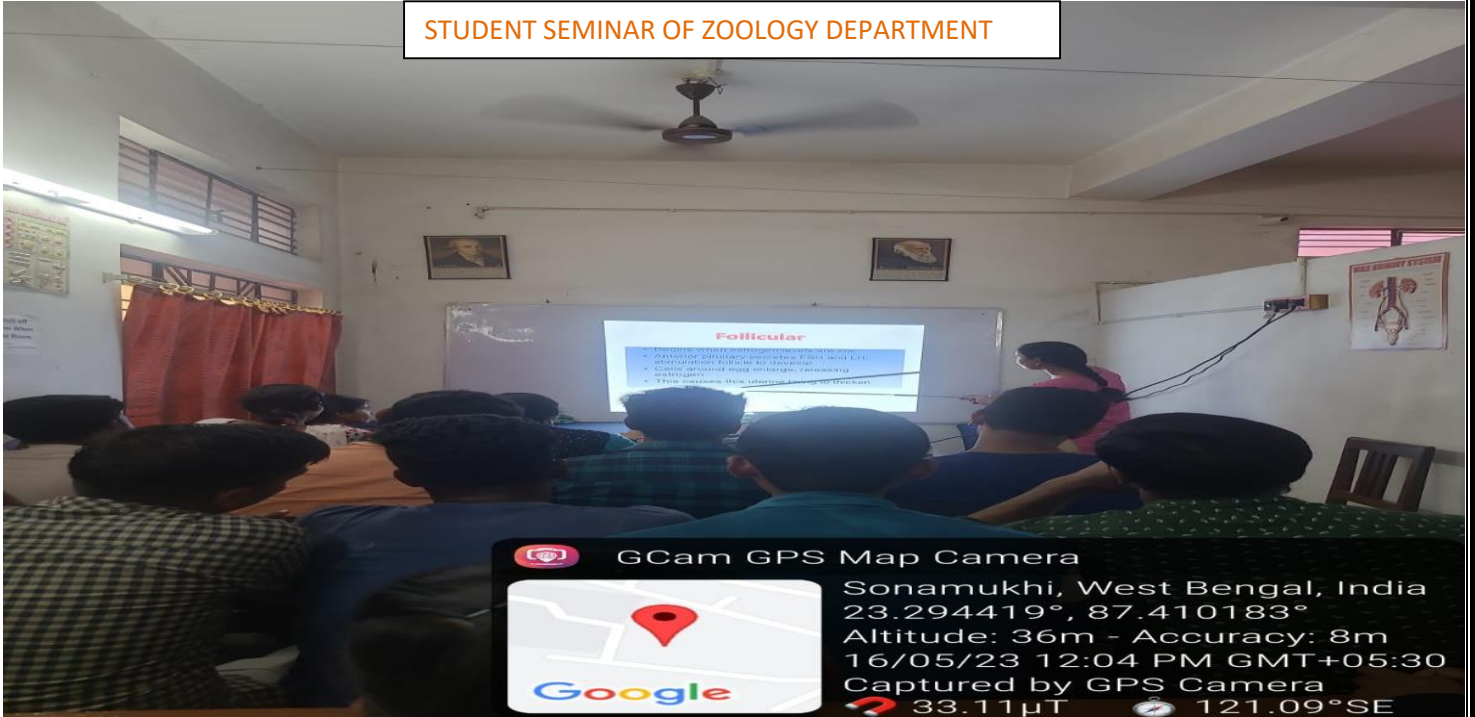
Sonamukhi Word No 2 Sonamukhi, Sonamukhi, West Bengal 722207, India

Lat 23.302012°

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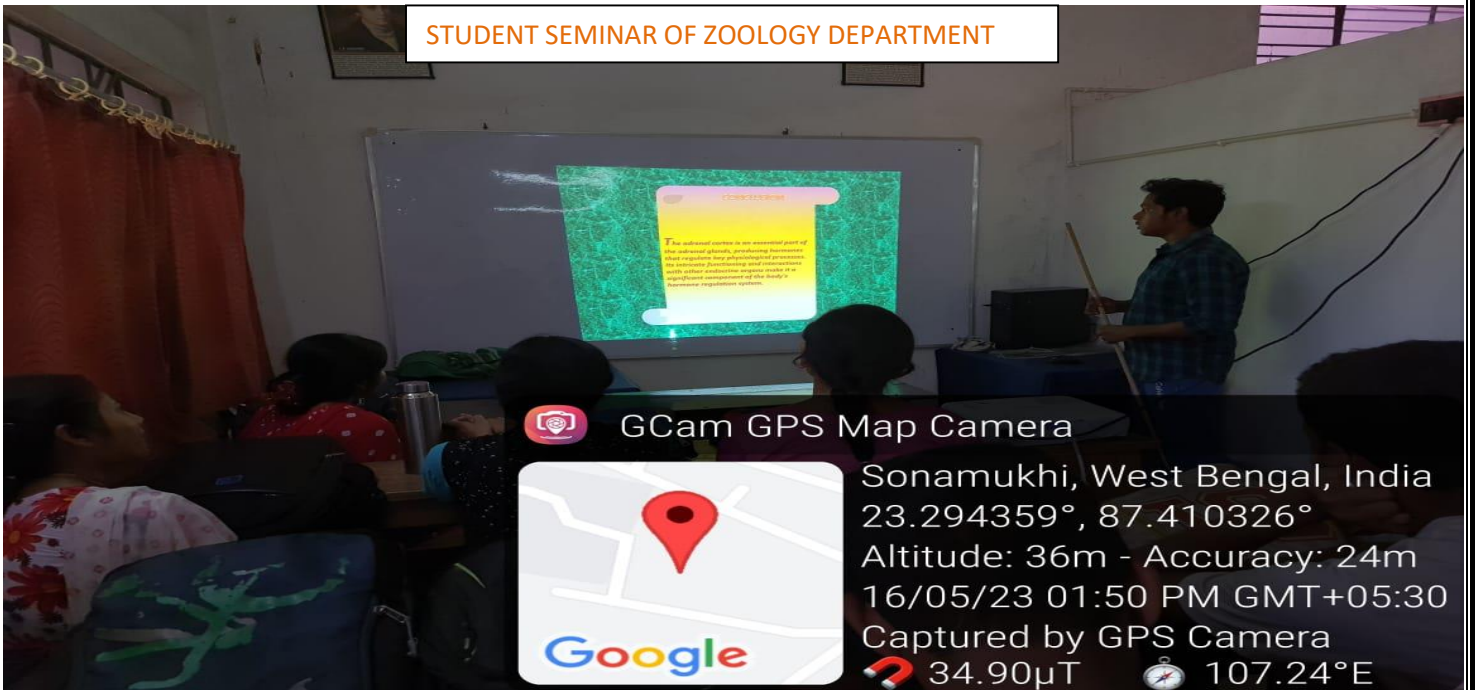
STUDENT SEMINAR OF ZOOLOGY DEPARTMENT



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23.294419°, 87.410183°  
Altitude: 36m - Accuracy: 8m  
16/05/23 12:04 PM GMT+05:30  
Captured by GPS Camera  
33.11µT 121.09°SE

STUDENT SEMINAR OF ZOOLOGY DEPARTMENT



GCam GPS Map Camera

Sonamukhi, West Bengal, India  
23.294359°, 87.410326°  
Altitude: 36m - Accuracy: 24m  
16/05/23 01:50 PM GMT+05:30  
Captured by GPS Camera  
34.90µT 107.24°E

**Submission of  
Internal  
Assignments  
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BKU Even Sem Exam 21-22 Online Admission 2022-23 Online Admission 2nd Phase 2022-23

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- Principal's Desk
- Code of Conduct
- Administrative Calendar
- Activities
- College Journal
- Feedback
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# SONAMUKHI COLLEGE

Affiliated to Bankura University  
NAAC Accredited (B+, 2nd Cycle), 2022

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Session : 2022-2023  
 Course Year : 2nd Semester  
 Subject : Prog Philosophy  
 Topics/Paper :  
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 Choose Files : Choose File | No file chosen

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Download	Course Year	Subject	User	Remarks	Date	Edit	Delete
	2nd Semester	Prog Philosophy	milan_kundu	Western Philosophy	15-05-2023 11:00:00 to 22-05-2023 11:59:00	Edit	Delete

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 Paper : All items checked

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Course Subject ID SI Name Rollno paper Time

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	Course Year	Subject	ID	SI No	Name	Rollno	paper	Time
Download	2nd Semester	Prog Philosophy	1202200335	1	SAGAR BAURI	22201206028	Western Philosophy	21-05-2023 18:07:1
Download	2nd Semester	Prog Philosophy	1202200996	2	SUBHRA LOHAR	22201206057	Western Philosophy	21-05-2023 11:36:2
Download	2nd Semester	Prog Philosophy	1202201014	3	ABHAYA MANNA	22201206061	Western Philosophy	21-05-2023 10:52:3
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Course Year :	<input type="text" value="--Select--"/>
Subject :	<input type="text" value="--Select--"/>
Topics/Paper :	<input type="text"/>
Start Date :	<input type="text"/> <input type="button" value="📅"/> <input type="button" value="🕒"/>
End Date :	<input type="text"/> <input type="button" value="📅"/> <input type="button" value="🕒"/>
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Session :	<input type="text" value="2022-2023"/>
Course Year :	<input type="text" value="2nd Semester"/>
Subject :	<input type="text" value="GE EDUCATION"/>
Topics/Paper :	<input type="text"/>
Start Date :	<input type="text"/> <input type="button" value="📅"/> <input type="button" value="🕒"/>
End Date :	<input type="text"/> <input type="button" value="📅"/> <input type="button" value="🕒"/>
Choose Files :	<input type="button" value="Choose File"/> No file chosen

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	Course Year	Subject	User	Remarks	Date	Edit	
<a href="#">Download</a>	2nd Semester	GE EDUCATION	prosenjit_rana	Home assignment-2023	20-05-2023 08:00:00 to 27-05-2023 10:50:00	<a href="#">Edit</a>	<a href="#">Delete</a>

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	Course Year	Subject	ID	Sl No	Name	Rollno	paper	Time
<a href="#">Download</a>	2nd Semester	GE EDUCATION	1202208011	1	AROJ ALI SEKH	22201103052	Home assignment-2023	26-05-2023 23:58:4
<a href="#">Download</a>	2nd Semester	GE EDUCATION	1202203225	2	RIYA DEY	22201101079	Home assignment-2023	26-05-2023 23:41:5

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<a href="#">Download</a>	2nd Semester	GE EDUCATION	1202203225	2	RIYA DEY	22201101079	Home assignment-2023	26-05-2023 23:41:5
<a href="#">Download</a>	2nd Semester	GE EDUCATION	1202200034	3	BALARAM GANGULY	22201101003	Home assignment-2023	26-05-2023 22:00:1
<a href="#">Download</a>	2nd Semester	GE EDUCATION	1202201270	4	AVIK PANDIT	22201101038	Home assignment-2023	26-05-2023 19:17:3
<a href="#">Download</a>	2nd Semester	GE EDUCATION	1202201891	5	MINTU LOHAR	22203119024	Home assignment-2023	26-05-2023 13:34:5
<a href="#">Download</a>	2nd Semester	GE EDUCATION	1202201146	6	RITTIK GHOSH	22203119013	Home assignment-2023	26-05-2023 13:26:4
<a href="#">Download</a>	2nd Semester	GE EDUCATION	1202201384	7	SUMIT ROY	22203119018	Home assignment-2023	26-05-2023 13:21:4
<a href="#">Download</a>	2nd Semester	GE EDUCATION	1202201161	8	SUDIP MONDAL		Home assignment-2023	26-05-2023 13:13:1
<a href="#">Download</a>	2nd Semester	GE EDUCATION	1202201201	9	SOUMEN GHOSH		Home assignment-2023	26-05-2023 12:42:3
<a href="#">Download</a>	2nd Semester	GE EDUCATION	1202202888	10	JOY GHOSH	22201101071	Home assignment-2023	26-05-2023 12:42:3

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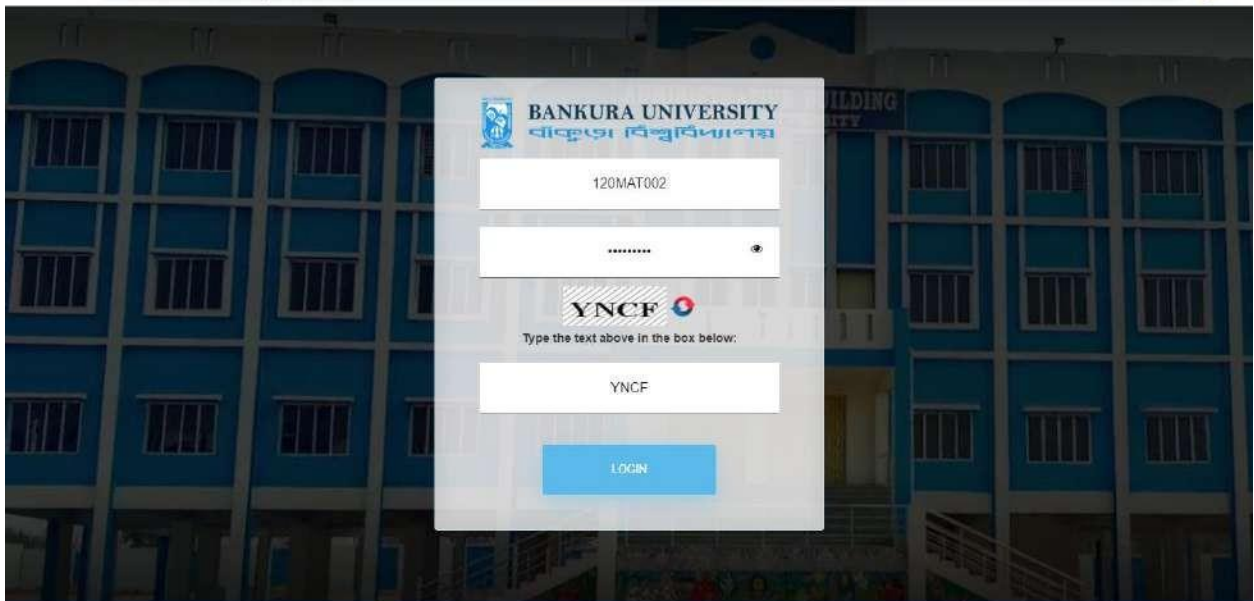
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**INTERNAL ASSESSMENT MARKS**

\*Semester:  \*Course Type:  \*Subject:

Sl No.	UId	Name	Father's Name Mother's Name	Mobile	Course	Paper	Full Marks	Marks Obtained	
1	20203121001	AKASH DAS	DAVAL DAS BASANTI DAS	6297362795	MATHEMATICS - HONS	Group Theory-I ( 32102 )   SH/MTH/ 302/ C-6 ]	10	9(Approved)	<input type="checkbox"/>
2	20203121002	RAJ KARMAKAR	SWARUP KARMAKAR LILA KARMAKAR	9064047114	MATHEMATICS - HONS	Group Theory-I ( 32102 )   SH/MTH/ 302/ C-6 ]	10	9(Approved)	<input type="checkbox"/>
3	20203121003	BIDHAN CHANDRA MONDAL	TAPAN KUMAR MONDAL KSHMA MONDAL	8156818843	MATHEMATICS - HONS	Group Theory-I ( 32102 )   SH/MTH/ 302/ C-6 ]	10	9(Approved)	<input type="checkbox"/>
4	20203121004	ARPITA CHAKRABORTTY	GUJRAM CHAKRABORTTY	7407166866	MATHEMATICS - HONS	Group Theory-I ( 32102 )   SH/MTH/ 302/ C-6 ]	10	10(Approved)	<input type="checkbox"/>

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