

Dr. Bimalendu Biswas
M.Com., DIT, MBA, Ph.D
Controller of Examinations

University Of Kalyani



Kalyani 741 235 West Bengal
Phone Office: 033-2580-8364
9748048314/6290500422(M)
Email: controllerofexaminationsku@gmail.com
Date: 28.03.2023

No. COE/15/2023

CIRCULAR

This is for information of all concerned that the link to the portal for examination form fill-up of U.G. 1st Semester Honours and Programme Courses Examination, 2022 is mentioned below. The portal will be **Re-opened** on **30.03.2023** (10.00 a.m. onwards) and closed on **06.04.2023**. **The candidates shall collect their ADMIT CARD by downloading and printing it from on-line system instantly, at the time of submission of examination form.**

The college authorities are earnestly requested to make an arrangement for collecting the examination fees (**as per revised rates**) of this semester as early as possible.

URL For 1 st semester candidates	https://pcdpca.com/ku-sem1-2022-form-submission/
College Login : (Honours : for correction of GE subjects) (Programme : for correction of AECC (MIL))	https://pcdpca.com/ku-sem1-2022-form-submission/colleges/
Super Password	Same as 5 th semester examination, 2022

Sd./-

Controller of Examinations

Copy forwarded to :

1. The Hon'ble Vice Chancellor, K.U.- for kind information only.
2. The Hon'ble Pro-Vice Chancellor, K.U.- for kind information only.
3. The Registrar, K.U.
4. The Finance Officer, K.U.
5. The Principals / TICs / OICs of all affiliated General Degree Colleges under K.U.
6. The System-in-charge, K.U.- for its uploading in the University website
7. The Confidential Press.

Controller of Examinations

Controller of Examinations
University of Kalyani
Kalyani, West Bengal, India

Dr. Bimalendu Biswas
M.Com., DIT, MBA, Ph.D
Controller of Examinations

University Of Kalyani



Kalyani 741 235 West Bengal
Phone Office: 033-2580-8364
9748048314/6290500422(M)
Email: controllerofexaminationsku@gmail.com
Date: 28.03.2023

Ref. No. CoE/6/SEM/2023

CIRCULAR

A meeting with the college representatives regarding the forthcoming U.G. 1st Semester Examinations, 2022 will be held as per the following schedule:

Venue	Official Presence	Date	Time
D. L. College for Nadia zone	Controller of Examinations	01.04.2023	10.30 a.m.
Berhampore Girls' College for Murshidabad zone	Controller of Examinations	01.04.2023	02.00 p.m.
Department of Controller of Examinations, K.U. [for some colleges nearest to the University]	Controller of Examinations	31.03.2023	12.00 noon

The college authorities are earnestly requested to send their representative(s) in the above mentioned meeting.

Sd/-
Controller of Examinations

Copy forwarded to :

1. The Hon'ble Vice Chancellor, K.U.- for kind information only.
2. The Hon'ble Pro-Vice Chancellor, K.U.- for kind information only.
3. The Registrar, K.U.
4. The Finance Officer, K.U.
5. The Principal, Dwijendralal College, Krishnagar, Nadia.
6. The Principal, Berhampore Girls' College, Berhampore, Murshidabad.
7. The Principals / TICs / OICs of all affiliated General Degree Colleges under K.U.

Controller of Examinations

Controller of Examinations
University of Kalyani
Kalyani, West Bengal, India

UNIVERSITY OF KALYANI



REVISED PROGRAMME FOR B.A/B.SC./B.COM (HONOURS) 3RD SEMESTER EXAMINATION, 2022

HONOURS THEORETICAL PAPERS

TIME

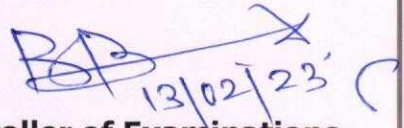
12 NOON To 02.30 P.M.

DAY	DATE	COURSE
FRIDAY	24.02.2023	CC- 5
SATURDAY	25.02.2023	CC- 6
TUESDAY	28.02.2023	CC- 7

GENERIC ELECTIVE (GE) & SEC PAPERS

DAY & DATE	TIME	COURSE
03.03.2023 (FRIDAY)	10.30 A.M. TO 01.00 P.M	GENERIC ELECTIVE (GE-2) COURSE- I
	02.00 P.M. TO 04.00 P.M	SKILL ENHANCEMENT COURSES (SEC)

Date : 13.02.2023


13/02/23
Controller of Examinations

Controller of Examinations
University of Kalyani
Kalyani, West Bengal, India

UNIVERSITY OF KALYANI



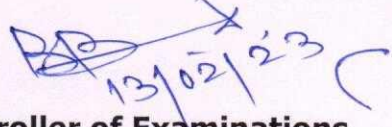
PROGRAMME FOR B.A./B.SC. (PROGRAMME) 3RD SEMESTER EXAMINATION, 2022

GENERAL THEORETICAL PAPERS

TIME	FULL PAPER
1 ST HALF	10.30 a.m. to 01.00 p.m
2 ND HALF	02.00 p.m. to 04.30 p.m

DAY AND DATE	1 ST HALF	2 ND HALF
FRIDAY, 10.03.2023	ENGLISH, SATISTICS & PHYSIOLOGY	DEFENCE STUDIES, SANSKRIT & ARABIC
SATURDAY, 11.03.2023	BENGALI/HINDI/URDU	ZOOLOGY, ECONOMICS & ISLAMIC HISTORY
MONDAY, 13.03.2023	GEOGRAPHY, MOLECULAR BIOLOGY & PHILOSOPHY	EDUCATION, FILM STUDIES & CHEMISTRY
TUESDAY, 14.03.2023	MATHEMATICS & PHYSICAL EDUCATION	POLITICAL SCIENCE & BOTANY
WEDNESDAY, 15.03.2023	HISTORY & PHYSICS	COMPUTER SCIENCE & SOCIOLOGY

Date : 13.02.2023


Controller of Examinations

Controller of Examinations
University of Kalyani
Kalyani, West Bengal, India

UNIVERSITY OF KALYANI

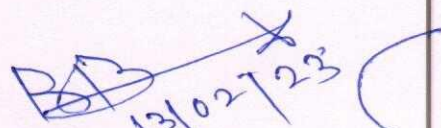


PROGRAMME FOR B.A./B.COM (PROGRAMME) 3RD SEMESTER EXAMINATION, 2022

LANGUAGE CORE COURSES (LCC) & SKILL ENHANCEMENT COURSES (SEC) THEORETICAL PAPERS

DATE & DAY	HALF	TIME	COURSE
17.03.2023 (FRIDAY)	1 ST HALF	10.30 A.M. TO 01.00 P.M	LCC-1 (COURSE-II) (QUESTIONS WILL BE SET IN "MULTIPLE CHOICE" TYPE)
	2 ND HALF	02.00 P.M. TO 04.00 P.M	(SEC- COURSE-I)

Date : 13.02.2023


13/02/23
Controller of Examinations

Controller of Examinations
University of Kalyani
Kalyani, West Bengal, India

UNIVERSITY OF KALYANI



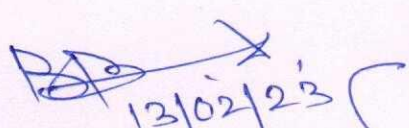
PROGRAMME FOR B.COM. (PROGRAMME) 3RD SEMESTER EXAMINATION, 2022

GENERAL THEORETICAL PAPERS

TIME	FULL PAPER
1 ST HALF	10.30 a.m. to 01.00 p.m
2 ND HALF	02.00 p.m. to 04.30 p.m

DAY AND DATE	1 ST HALF	2 ND HALF
FRIDAY, 10.03.2023	FINANCIAL ACCOUNTING-2 CC-T-07
MONDAY, 13.03.2023	INCOME TAX LAW CC-T-08

Date : 13.02.2023


13/02/23
Controller of Examinations

Controller of Examinations
University of Kalyani
Kalyani, West Bengal, India

UNIVERSITY OF KALYANI



PROGRAMME FOR B.SC. (PROGRAMME) 3RD SEMESTER EXAMINATION, 2022

SKILL ENHANCEMENT COURSES (SEC) PAPERS

DATE & DAY	HALF	TIME	COURSE
17.03.2023 (FRIDAY)	2 ND HALF	02.00 P.M. TO 04.00 P.M	(SEC- COURSE-I)

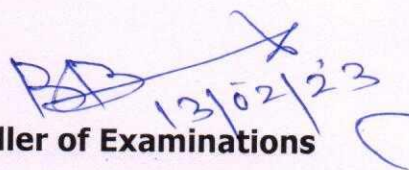
Sd/-

Controller of Examinations

Copy forwarded for information and necessary action to :

1. The Hon'ble Vice Chancellor, K.U. for kind information.
2. The Hon'ble Pro-Vice Chancellor, K.U. for kind information.
3. The Registrar, K.U.
4. The Principals/T.I.Cs/O.I.Cs, all affiliated General Degree Colleges.
5. The System-In-charge, K.U. for wide circulation in University website.
6. The Confidential Press.

Date : 13.02.2023


Controller of Examinations

Controller of Examinations
University of Kalyani
Kalyani, West Bengal, India

UNIVERSITY OF KALYANI



Department of Controller of Examinations

REVISED PRACTICAL SCHEDULE FOR B.A./B.SC./B.COM (HONOURS)
3RD SEMESTER EXAMINATION, 2022

Venue : Respective Colleges of the Examinees (Home Center)

PRACTICAL
(HONOURS SUBJECTS ONLY)

Date : To be completed between 20.03.2023 to 25.03.2023

N. B. Detailed Subjectwise programme will be announced later.

Date :13.02.2023

Controller of Examinations

Controller of Examinations
University of Kalyani
Kalyani, West Bengal, India

UNIVERSITY OF KALYANI



Department of Controller of Examinations

REVISED PRACTICAL SCHEDULE FOR B.A./B.SC./B.COM (PROGRAMME) **3RD SEMESTER EXAMINATION, 2022**

PRACTICAL FOR PROGRAMME COURSES

Venue : Respective Colleges of the Examinees (Home Center)

Date : To be completed within 31.03.2023.

**Practical Questions (Programme) are to be set by the
concerned departments of the colleges.**

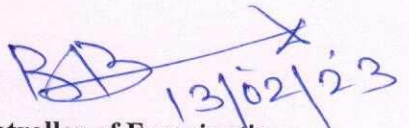
Sd/-

Controller of Examinations

Copy forwarded for information and necessary action to :

1. The Hon'ble Vice Chancellor, K.U. for kind information.
2. The Hon'ble Pro-Vice Chancellor, K.U. for kind information.
3. The Registrar, K.U.
4. The Principals/T.I.Cs/O.I.Cs, all affiliated General Degree Colleges.
5. The System-In-charge, K.U. for wide circulation in University website.
6. The Confidential Press.

Date :13.02.2023


Controller of Examinations

Controller of Examinations
University of Kalyani
Kalyani, West Bengal, India

UNIVERSITY OF KALYANI



Department of Controller of Examinations

REVISED PRACTICAL SCHEDULE FOR B.A./B.SC./B.COM (HONOURS) **3RD SEMESTER EXAMINATION, 2022**

PRACTICAL FOR GENERIC ELECTIVE (GE-2) COURSES

Venue : Respective Colleges of the Examinees (Home Center)

Date : To be completed within 31.03.2023.

Practical Questions (GENERIC ELECTIVE COURSES) are to be set by the concerned departments of the colleges.

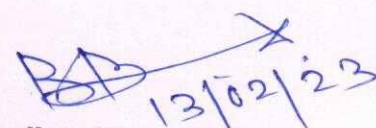
Sd/-

Controller of Examinations

Copy forwarded for information and necessary action to :

1. The Hon'ble Vice Chancellor, K.U. for kind information.
2. The Hon'ble Pro-Vice Chancellor, K.U. for kind information.
3. The Registrar, K.U.
4. The Principals/T.I.Cs/O.I.Cs, all affiliated General Degree Colleges.
5. The System-In-charge, K.U. for wide circulation in University website.
6. The Confidential Press.

Date :13.02.2023


Controller of Examinations
Controller of Examinations
University of Kalyani
Kalyani, West Bengal, India



**GOVERNMENT GENERAL DEGREE COLLEGE, CHAPRA
OFFICE OF THE PRINCIPAL
HIGHER EDUCATION DEPARTMENT
GOVERNMENT OF WEST BENGAL**

AT: SHIKRA, P.O. PADMAMALA, DIST: NADIA, PIN CODE: 741123, W.B, INDIA. Email: cgcollege2015ku@gmail.com

(AFFILIATED TO UNIVERSITY OF KALYANI)

Date: 23. 12. 2022

General Meeting of Examination Sub-Committee

Respected Member,

This is to bring your kind attention that a general meeting of Examination Sub-committee will be held on 2nd January 2023, 12 pm at Principal's chamber of the college to discuss the following agenda. All the Examination Sub-committee members are requested to attend the meeting.

Agenda of Discussion:

1. Discussion on U.G B.A/ B.SC./ B.COM 5th Semester University Examination, 2023.
2. Discussion on number of rooms required for the aforesaid examination.
3. Discussion on Invigilation duty allotment among the teachers.
4. Matters arising.

**(Convenor)
Examination Sub-committee
GGDC, Chapra**

**Principal
GGDC, Chapra
Principal
Govt. General Degree College, Chapra**

Copy to:

1. Principal Office
2. IQAC



GOVERNMENT GENERAL DEGREE COLLEGE, CHAPRA
OFFICE OF THE PRINCIPAL
HIGHER EDUCATION DEPARTMENT
GOVERNMENT OF WEST BENGAL

AT: SHIKRA, P.O. PADMAMALA, DIST: NADIA, PIN CODE: 741123, W.B, INDIA. Email: cgcollege2015ku@gmail.com

(AFFILIATED TO UNIVERSITY OF KALYANI)

Date: 20. 02. 2023

General Meeting of Examination Sub-Committee

Respected Member,

This is to bring your kind attention that a general meeting of Examination Sub-committee will be held on 27th February 2023, 12 pm at Principal's chamber of the college to discuss the following agenda. All the Examination Sub-committee members are requested to attend the meeting.

Agenda of Discussion:

1. Discussion on U.G B.A/ B.SC./ B.COM 3rd Semester University Examination, 2023.
2. Discussion on number of rooms required for the aforesaid examination.
3. Discussion on Invigilation duty allotment among the teachers.
4. Matters arising.

(Convenor)

Examination Sub-committee
GGDC, Chapra

Principal
GGDC, Chapra
Principal

Govt. General Degree College, Chapra

Copy to:

1. Principal Office
2. IQAC



**GOVERNMENT GENERAL DEGREE COLLEGE, CHAPRA
OFFICE OF THE PRINCIPAL
HIGHER EDUCATION DEPARTMENT
GOVERNMENT OF WEST BENGAL**

AT: SHIKHA, P.O. PAIMAMAL A, DIST: NAIDIA, PIN CODE: 741123, W.B, INDIA. Email: ggcollege2015ku@gmail.com
(AFFILIATED TO UNIVERSITY OF KALYANI)

Date: 12. 04. 2023

General Meeting of Examination Sub-Committee

Respected Member,

This is to bring your kind attention that a general meeting of Examination Sub-committee will be held on 19th April, 2023, 12 pm at Principal's chamber of the college to discuss the following agenda. All the Examination Sub-committee members are requested to attend the meeting.

Agenda of Discussion

1. Discussion on U.G B.A/ B.SC/ B.COM 1st Semester University Examination, 2023.
2. Discussion on number of rooms required for the aforesaid examination.
3. Discussion on Invigilation duty allotment among the teachers.
4. Matters arising.

(Convenor)

**Examination Sub-committee
GGDC, Chapra**

Principal

GGDC, Chapra

Principal

Govt. General Degree College, Chapra

Copy to:

1. Principal Office
2. IQAC

MINUTES OF THE MEETING OF EXAMINATION SUB-COMMITTEE

Date: 19.04.2023

Time: 12 PM

Place: Principal's Chamber

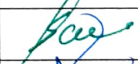
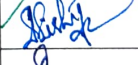
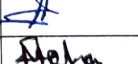
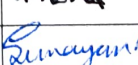
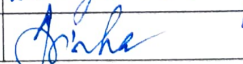

The Agenda of Discussion:

1. Discussion on U.G B.A/ B.SC./ B.COM 1st Semester University Examination, 2023.
2. Discussion on number of rooms required for the aforesaid examination.
3. Discussion on Invigilation duty allotment among the teachers.
4. Matters arising.

The members of the examination sub-committee were cordially welcomed to the meeting by Dr. Subhasis Panda, the Principal, GGDC Chapra. The following topics were discussed under the chairmanship of Principal Sir.

1. The Invigilation duty allotment has to be produced five days prior to examination of each semester.
2. The examinations to be conducted in Room no 11, 12, 15 and Seminar Hall.
3. During the examination, the teaching or non-teaching staff will not to take mobile phones into the examination hall.
4. No teacher can take leave on examination days without informing the principal or examination convenor.
5. On examinations days, teaching and non- teaching staff should reach the college at least 45 minutes before the commencement of the examination.

Attendance

Sl. No.	Name	Designation	Position	Signature
1	Dr. Subhasis Panda	Principal	HOI	
2	Dr. Pabitra Kumar Mistri	Assistant Professor	Convenor	
3	Dr. Aninda Chakraborty	Assistant Professor	Member	
4	Dr. Manan Saha	Assistant Professor	Member	
5	Sri Sunayan Mukherjee	Assistant Professor	Member	
6	Sri Arunava Sinha	Assistant Professor	Member	



GOVERNMENT GENERAL DEGREE COLLEGE, CHAPRA
OFFICE OF THE PRINCIPAL
HIGHER EDUCATION DEPARTMENT
GOVERNMENT OF WEST BENGAL

AT: SHIKRA, P.O. PADMAMALA, DIST: NADIA, PIN CODE: 741123, W.B, INDIA. Email: cgcollege2015ku@gmail.com

(AFFILIATED TO UNIVERSITY OF KALYANI)

NOTICE

Date: 16.12.2022

It is hereby notified to all 5th Semester Students of this College that the **Internal Examination of B.A, B.Sc 5th Semester** for both Honours and Programme Course Students of this College will be held on **11th and 12th January'2023**. The commencement of the said Examination will be at 12.00 pm on the aforementioned days.

The Exam schedule has been provided in the following:

Exam Date	11.01.2023	(Time)	12.01.2023	(Time)
All Honours (Room-11)	CC 11,	(12.00pm)	DSE 1,	(12.00 pm)
	CC 12	(12.40 pm)	DSE 2,	(12.40pm)
B. A Programme (Room-12)	DSE-1	(12.00 pm)	GE,	(12.00 pm)
	DSE-2	(12.40 pm)	SEC	(12.40 pm)
B.Sc Programme (Room-12)	DSE(Math),	(12.00pm)	DSE(Chem),	(12.00pm)
	DSE(Phys)	(12.40 pm)	SEC	(12.40 pm)

Convenor,
Internal Examination



Principal
GGDC, Chapra

Govt. General Degree College, Chapra

WhatsApp

Government General Degree Coll

Supporting Documents of NAAC

Not secure | chapragovtcollege.org/Exam-notice.aspx

Download Animal (...)

JioCinema - Watch...

WhatsApp

Prime Video | Watc...

Home - Netflix

HOME

COLLEGE

ACADEMICS

EXAM

ADMISSION

FACILITIES

LIBRARY

CELLS & COMMITTEE

ALUMNI

IQAC

ICC

CONTACT

> Exam Notice

> UGC Guidelines

> CBCS Guidelines

Sl No	Date	Title	Download
1	09 Jun 2022	Regulation for U.G. 2nd Semester Examination' 2022	Download
2	09 Jun 2022	U.G. 2nd Semester Examination. 2022 - Schedule	Download
3	09 Jun 2022	Regulation for U.G. 4th Semester Examination, 2022	Download
4	09 Jun 2022	U.G. 4th Semester Examination. 2022 - Schedule	Download
5	20 May 2022	Regulation for U.G. 6th Semester Examination, 2022	Download
6	20 May 2022	U.G. 6th Semester Examination. 2022 - Schedule	Download
7	18 Feb 2022	Regulation for U.G. 1st Semester Examination, 2021	Download
8	18 Feb 2022	ROUTINE OF U.G. 1st SEMESTER PROGRAMME, 2021	Download
9	04 Feb 2022	Regulation for U.G. 3RD Semester Examination, 2021	Download
10	04 Feb 2022	ROUTINE OF U.G. 3RD SEMESTER PROGRAMME, 2021	Download

> Political Science

> Sociology

> Environmental Studies

> Chemistry

> Mathematice

> Physics

12:41 PM

চাপড়া সরকারি মহাবিদ্যালয়
আভ্যন্তরীণ মূল্যায়ন
দ্বিতীয় সেমেস্টার, ২০২৩

BNG-H-CC-T-3

পূর্ণমান: ১৫

ক। যে কোনও পাঁচটি প্রশ্নের উত্তর দাও। $5 \times 2 = 10$

- ১। মাত্রা কাকে বলে?
- ২। পর্ব বলতে কী বোঝ?
- ৩। কবি কৃতিবাসের জন্মস্থান কোথায়?
- ৪। “দাঁড়াইয়া নন্দের আগে” - পদটি কার লেখা? কোন পর্যায়ের পদ?
- ৫। প্রার্থনা বিষয়ক পদ বলতে কী বোঝ?
- ৬। কৃতিবাসী রামায়ণের দুটি বৈশিষ্ট্য লেখো।
- ৭। কলাবৃত্ত ছন্দের বৈশিষ্ট্য কী?

খ। যে কোনও একটি প্রশ্নের উত্তর দাও। $1 \times 5 = 5$

- ১। অমিত্রাক্ষর ছন্দের সংজ্ঞা ও বৈশিষ্ট্য উদাহরণ সহ আলোচনা করো।
- ২। “সই কেবা শুনাইল শ্যামনাম” - পদটির কাব্যসৌন্দর্য বিশ্লেষণ করো।

Government General Degree College Chapra

Internal Examination 2022-23

Paper- CC 1 (Indian Classical Literature)

Time - 1 hr

Read the questions and answer **any ten** from the following (10 x 1= 10)

1. What was the name of the capital that was founded by the Pandavas?
2. Who built the palace of the Pandavas?
3. Who is Dhaumya?
4. What is Rajasuya ceremony?
5. Who built the temple to Goddess Pattini?
6. Who killed Kovalan?
7. Who among the Kauravas protested against the insult to Draupadi?
8. Who is Samvahaka?
9. Who brought Draupadi into the dicing hall ?
10. What was Draupadi's question to Yudhishtira when she was brought to the hall?
11. What was the punishment given to the Pandavas after they lost the game of dice?
12. Who is Manimekalai?

Q.2. Read the question and answer **any one** from the following:

1. Who is a Sutradhar? Describe the role of a Sutradhar in Indian Classical drama.

Or

2. Comment on the title of the play *Abhijnanashakuntalam* and its significance in the play.

Government General Degree College, Chapra

Internal Assessment Test, March – 2023

Semester - 1

Subject: HGE-1 (History)

F.M. – 15

Time – 30 Minutes

প্রতিটি প্রশ্নের মানঃ ৫

যে কোন তিনটি প্রশ্নের উত্তর দাও।

- ১। হরপ্পা সভ্যতার পতনের জন্য প্রাকৃতিক কারণ কতটা দায়ি ছিল?
- ২। বৌদ্ধ ও জৈন ধর্মের মধ্যে কী কী পার্থক্য ছিল?
- ৩। মৌর্য যুগের নগর শাসনব্যবস্থা আলোচনা করো।
- ৪। দ্বিতীয় চন্দ্রগুপ্তের কৃতিত্বের মূল্যায়ন করো।
- ৫। টীকা লেখোঃ কৈবর্ত বিদ্রোহ।
- ৬। গান্ধার শিল্প সম্বন্ধে কি জানো?

Government General Degree College, Chapra
Internal Evaluation, 2023
Political Science
4th Semester, CC-8

F.M-15

Time- 40 Minutes

A. নিম্নের যে কোন তিনটি প্রশ্নের উত্তর দাও ৩x৫=১৫

- ১) জনপ্রশাসনের সনাতনী তত্ত্বের বৈশিষ্ট্য লেখ।
- ২) ম্যাক্স ওয়েবারের আমলাতন্ত্রের বৈশিষ্ট্য লেখ।
- ৩) জনপ্রশাসনে বৈজ্ঞানিক পরিচালন তত্ত্ব বলতে কি বোঝায়।
- ৪) জনপ্রশাসনে মানবিক সম্পর্কের তত্ত্বের ব্যাখ্যা দাও।
- ৫) জনপ্রশাসনের বিবর্তনের প্রথম দুটি পর্ব আলোচনা করো।

Government General Degree College, Chapra
Internal Evaluation, 2023
Political Science
4th Semester, CC-9

F.M-15

Time- 40 Minutes

A. নিম্নের যে কোন তিনটি প্রশ্নের উত্তর দাও ৩x৫=১৫

- ১) E-Governance বলতে কী বোঝায়?
- ২) পার্লামেন্টের পাবলিক একাউন্ট কমিটির গঠন উল্লেখ করো।
- ৩) প্রাচীন ভারতবর্ষের জনপ্রশাসনে বৈশিষ্ট্য লেখ।
- ৪) আনুমানিক ব্যয় রক্ষা কমিটির কার্যাবলী উল্লেখ করো।
- ৫) বিচার বিভাগ কি ভাবে জনপ্রশাসনের উপর নিয়ন্ত্রণ রাখে?

U.G 3rd Semester Internal Examination 2022

SOCIOLOGY

[HONOURS]

Course Code: SOCH-CC-T-5

Full Marks : 15

1. Answer any three questions:

[3 x 5 = 15]

(a) What do you understand by social fact?

(b) Explain “forces of production” and “relations of production”.

(c) Explain briefly Weber’s theory of social action.

(d) Discuss briefly the different types of suicide.

(e) What does Marx mean by ‘class-in-itself’ and ‘class-for-itself’?

(f) Explain the following terms: [i] Surplus Value

[ii] Ideal type

[iii] Anomie

[iv] Status group

B.sc 4th semester General
Course: MATH-G-CC-T-04
Course title: Algebra
Internal Examination 2023

Full Marks=15

Answer any **three** questions from follows: $5 \times 3 = 15$

1. Let (G, o) be a group. Define a mapping $f: G \rightarrow G$ by $f(x) = x^{-1}, x \in G$ prove that f is a bijection.
2. Prove that a group (G, o) is abelian iff $(aob)^{-1} = a^{-1}ob^{-1}$.
3. Show that a cyclic group is commutative. Is the converse true (justify)?
4. Let (G, o) be a group. A non-empty subset H of G forms a subgroup of (G, o) iff $a \in H, b \in H \Rightarrow aob^{-1} \in H$.
5. Let a be an element of a group (G, o) with $o(a) = n$ then $o(a^p) = n$ iff p is prime to n .

Government General Degree College, Chapra

Internal Assessment- 2nd Semester, 2022

Physics- General

Paper: PHY-G-CC-T-02

Total Marks: 15

Time: 45 minutes

Answer any three questions only:

1. Write down the second law of thermodynamics. State the difference between isothermal change and adiabatic change. Does the gas work in case of adiabatic expansion? If so, what is its source? 1+2+1+1
2. Define Thermal Conductivity and Thermometric conductivity. What will be the change in entropy if 5g of ice at 0°C is converted completely into water at 0°C? (Latent heat of fusion 80 cal/g). 2+3
3. What is meant by internal energy of a gas? Is this a state function? Under what conditions a process will be reversible? When will the efficiency of Carnot Engine be 100%? 1+ 1+1+2
4. Define average velocity and r.m.s velocity of gas molecules. Keeping pressure unchanged, at what temperature the r.m.s. speed of nitrogen will be double of its r.m.s. speed at N.T.P.? 2+3
5. Write Maxwell's law of distribution of molecular speeds. Draw the distribution graph. Write down the van der Waals' equation for 'n' gm-moles of a real gas. 2+1+2
6. State the principal of equipartition of energy. Define degrees of freedom. For a diatomic gas, how many transitional degrees of freedom are there? What is Boyel temperature? 2+2+1
7. Prove that the ratio of two specific heats of a gas is $\gamma = 1 + \frac{2}{n}$, where n is the number of degrees of freedom. Explain, how water remains under ice slab in polar region. 3+2
8. Establish $C_p - C_v = R$ where the symbols are of usual meanings. 5

1st half

K.U. B.A/B.Sc./B. Com Hons. Major and General Part I/II/III Examination, 20.18

Chapra Govt. College Centre,

Half: 1st (Hons./Gen.) / 2nd (Hons./Gen.)

Subject: PLS G

Date: 28.06.18

ROOM No.: Room No. 2

Present candidates:

Roll No.	Signature with date
✓ 662-15109-1576	Nirmal Biswas
✓ 332-17109-1839	Kishor Majumder
✓ 332-17109-1925	Prasad Nicolash Roy
✓ 332-16109-2016	Siss Ghosh
✓ 332-17109-1772	Fatima Sheikh
✓ 332-17109-1896	Nakib Shaikh
✓ 332-17109-1825	Tufikkar Sekh
✓ 332-17109-1894	Najibul Sha
✓ 332-17109-1859	Maharaj Ghosh
✓ 332-17109-1688	Aarif Mondal
✓ 332-17109-1757	Deba Biswas
✓ 332-17109-2053	Sayan Biswas
✓ 332-16109-1660	Bikram Biswas
✓ 332-16109-1590	Amit Pal
✓ 662-15109-1532	Asifak Hammad Mondal
✓ 332-17109-2119	Sumar Biswas. 28/06/2018
✓ 332-17109-2061	Shubhankar Ghosh
✓ 332-17109-2068	Sohail Rana Shaikh
✓ 332-17109-1747	Biswamth Roy
✓ 332-17109-1641	Abibul Sheikh 28.06.18
✓ 332-17109-2040	Saidul Mollah 28.06.18
✓ 332-16109-1946	Sakir Shames Khan
✓ 332-16109-1723	Ironujjaman Khan
✓ 332-17109-1693	Arnob Kumar Singh Roy 28.06.18
✓ 332-17109-1845	Kunal Singh 28.06.2018

Signature of the invigilators:

28/06/2018
28/06

1st half.

K.U. B.A/B.Sc./B. Com Hons. Major and General Part I/II/III Examination, 20..18

Chapra Govt. College Centre,

Half: 1st (Hons./Gen.)/ 2nd (Hons./Gen.)

Subject: PLSG

Date: 28.08.18

ROOM No. : 2

Present candidates:

Roll No.	Signature with date
332-17109-1885	Mohammad Shaikh 28/08/18
332-16109-1606	Aman Hassain Shaikh 28/06/18
332-16109-1920	Sahab Mondal
332-16109-1917	Saba Alam Mondal.
332-16109-1560	Ahmad Reza Mondal
662-16109-2043	Susanta Pramanick
332-15109-1684	Sumon Mondal
332-17109-2000	Sahil Anwar Mallik
332-17109-2080	Soupar Bag
332-17109-1884	Minkes em mondol
332-17109-2155	Umer Faruk Mondal
332-17109-1834	Khariful Mondal
332-17109-1782	Habibul Rahman Mollah
332-16109-1767	Mahabunshah 28/06/18
332-16109-1655	Bappa Ma
332-17109-1924	Prodip Halder 28/06/18
332-16109-1966	Sanjit Halder
332-16109-1884	Rakibul SK
332-17109-1766	Easton Biswas 28/05/18
332-17109-2139	Tahajul Islam Mollah
332-16109-1581	Abdul Rasid SK
332-16109-1549	Abdul Hamid Hossain
662-16109-2037	Sumon Ghosh 28/06/18
332-17109-1663	Alam Shahin 28/06/18
332-17109-2149	Tonyud Mondal

Signature of the invigilators:

28/08/2018
28/08