



JHARGRAM RAJ COLLEGE

(Government of West Bengal)



affiliated to Vidyasagar University

A DBT Star College

Jhargram College Road, Jhargram, West Bengal 721507

Ph: +91 3221 255022, 258700 (Fax)

Email: jhargramrajcollege@gmail.com / droyzoology@gmail.com /
principal@jrc.ac.in

Website: <https://jrc.ac.in>

**NAAC SSR CYCLE II
CRITERIA 1**

CURRICULAR PLANNING AND IMPLEMENTATION 1.1

**THE INSTITUTION ENSURES EFFECTIVE CURRICULUM PLANNING AND DELIVERY
THROUGH A WELL-PLANNED AND DOCUMENTED PROCESS INCLUDING ACADEMIC
CALENDAR AND CONDUCT OF CONTINUOUS INTERNAL ASSESSMENT 1.1.1**

INTERNAL ASSESSMENT

Jhargram Raj College

Notice

O/Cir No. - 143

Date: 26.09.2018

All the Departmental Heads are hereby requested to submit question papers of Internal Examination (UG, C.B.C.S Semester system) of B.A.(Part-I; Sem-I), B.Sc. (Part-I; Sem-I & Part-II ; Sem-III), for the academic session 2018-19. The questions of the following papers must be submitted before 03.10.2018 to Dr. Debanjan Das (for B.A.), Prof. Arabinda Samanta (For B.Sc) and Prof. Sikandar Ansari (for Core Course English).

Papers are:

GE-1 (B.A., B.Sc Honours), GE-3 (B.Sc Honours),

DSC-1(B.A.,B.Sc Gen), DSC-2 (B.A.,B.Sc Gen), DSC-3 (B.Sc Gen)

Core Course English (B.A, B.Sc., B.Com General)

The question paper will be of objective type carrying total 10 (Ten) marks. Students are required to answer 05 (five) questions each carrying 02 (two) marks. Two sets of question paper of each subject have to submit.

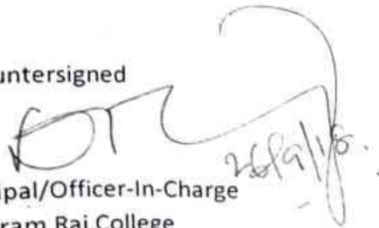
All paper setters are requested to submit question paper in printed version mentioning Year, Subject, Paper, and Semester.

The detail routine and duty roaster will be published in due time.

Copy to:

H.O.D.of all Departments

Countersigned



Principal/Officer-In-Charge
Jhargram Raj College




Joint Convener
Internal Examination Sub-Committee
UG, C.B.C.S. Semester System

**Department of Mathematics
Jhargram Raj College
Jhargram**

NOTICE

The 1st Internal Assessment for the students of B.Sc. (Honours), Sem – I, Sem – III & Sem-V will be held on 12.09.2019 & 13.09.2019 under CBCS as per the following schedule.

Semester	Paper	Date	Time	Room
SEM-I	C1	12.09.2019	11.00 AM	LH – 5
	C2	13.09.2019	12.00 Noon	LH – 5
SEM-III	C5 & C6	12.09.2019	12.00 Noon	LH – 5
	C7 & SEC-1	13.09.2019	11.00 AM	LH – 5
SEM-V	C11 & C12	12.09.2019	11.00 AM	LH – 5
	DSC1 & DSC2	13.09.2019	11.00 AM	LH – 5


Head, Dept. of Mathematics
Jhargram Raj College
Govt. of West Bengal
Jhargram, PIN - 721507


HOD, Dept. Of Mathematics
Jhargram Raj College
Jhargram

**Department of Mathematics
Jhargram Raj College
Jhargram**

NOTICE

The 1st Internal Assessment for the students of B.Sc. (Honours), Sem – I, Sem – III & Sem-V will be held on 12.09.2019 & 13.09.2019 under CBCS as per the following schedule.

Semester	Paper	Date	Time	Room
SEM-I	C1	12.09.2019	11.00 AM	LH – 5
	C2	13.09.2019	12.00 Noon	LH – 5
SEM-III	C5 & C6	12.09.2019	12.00 Noon	LH – 5
	C7 & SEC-1	13.09.2019	11.00 AM	LH – 5
SEM-V	C11 & C12	12.09.2019	11.00 AM	LH – 5
	DSC1 & DSC2	13.09.2019	11.00 AM	LH – 5


Head, Dept. of Mathematics
Jhargram Raj College
Govt. of West Bengal
Jhargram, PIN - 721507

HOD, Dept. Of Mathematics
Jhargram Raj College
Jhargram

**Department of Mathematics
Jhargram Raj College
Jhargram**

NOTICE

The 2nd Internal Assessment for the students of B.Sc. (Honours), Sem – I, Sem – III & Sem-V will be held on 26.11.2019 & 27.11.2019 under CBCS as per the following schedule.

Semester	Paper	Date	Time	Room
SEM-I	C1	26.11.2019	12.00 AM	LH-7
	C2	27.11.2019	11.00 AM	LH-7
SEM-III	C5 & C6	26.11.2019	11.00 Noon AM	LH-7
	C7 & SEC-1	27.11.2019	12.00 Noon	LH-7
SEM-V	C11 & C12	26.11.2019	11.00 AM	LH-7
	DSC1 & DSC2	27.11.2019	11.00 AM	LH-7

Head, Dept. of Mathematics
Jhargram Raj College
Govt. of West Bengal
Jhargram, PIN - 721507

HOD, Dept. Of Mathematics
Jhargram Raj College
Jhargram

Cir. No. 48

JHARGRAM RAJ COLLEGE

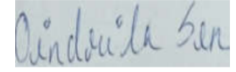
Date: 01.04.2021.

যেসব ছাত্রছাত্রী বি. এ ১ম সেমেস্টারে রেজিস্ট্রেশনের সময় GE1 -এ ইতিহাস নিয়েছে, তাদের অতিঅবশ্যই ইতিহাসের ইন্টারনাল পরীক্ষা দিতে হবে। পরীক্ষা নেওয়া হবে - আগামী 7.4.2021 তারিখে, বেলা 10 টায়। পরীক্ষা হবে- গুগল ফর্মে। প্রশ্নপত্রের লিঙ্ক পরীক্ষার দিন কলেজ ওয়েবসাইটে Students Zone Button এর Under এ Examination Notifications এ পাওয়া যাবে।

প্রতি হস্তাক্ষরিত



ড. দেবনারায়ণ রায়
অধ্যক্ষ
ঝাড়গ্রাম রাজ কলেজ



শ্রীমতী ঐন্দ্রিলা সেন
বিভাগীয় প্রধান, ইতিহাস বিভাগ
ঝাড়গ্রাম রাজ কলেজ

Copy to:

1. Secretary, Teachers' Council.
2. All HOD's of the Arts Department.
3. Convener, Internal examination Sub Committee.
4. Convener, Website Sub Committee.

Cir. No. 94

JHARGRAM RAJ COLLEGE

06.12.2020.

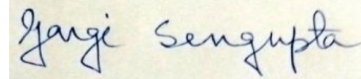
NOTICE

Students of CBCS Second Semester (2nd Semester), 2020 are hereby notified that the Internal Examination of Environmental Studies, 2020 will be held on 14th December, 2020 at 12 noon. The examination will be held through Google Form. The Link will be shared fifteen minutes (15 minutes) before the commencement of the examination. The link will be shared either through SMS alert on registered mobile number of every Second Semester student, or it will be displayed in the college website; under the examination notification of Students' Zone.

Countersigned



Principal/Officer-in-Charge
Jhargram Raj College, Jhargram



Convener, Environmental Studies Sub-Committee

Copy to

1. Smt. Sudipta Mullick, Secretary, Teacher's Council
2. Heads of all Departments—
Dr. Rahul Kumar Datta, Dr. Abhijit Dutta, Dr. Dipankar Mondal, Sri Souvik Biswas, Dr. Sharmistha Mitra, Dr. Nivedita Bhattacharyya, Sri Ramchandra Pramanick, Smt. Sudipta Mullick, Smt. Oindrila Sen, Dr. Sasadhar Manna, Dr. Pradip Kumar Panda, Sri Partha Pratim Mukherjee, Dr. Ansuman Bej, Smt. Girija Basu, Dr. Pijush Kanti Ghosh
3. Convener of Internal Examination Sub-Committee
4. Office- Copy
5. jrc.website.info@gmail.com (for uploading at college website)

It is hereby notified to all concerned students that the Intermediate semester (Semester 2 and Semester 4) examination of UG courses for B.A. / B.Sc. / B.Com. (Hons and General) under CBCS pattern of Vidyasagar University will be conducted in online mode through Internal Evaluation as per the following schedule. Hence all the students are directed to contact to their respective departments regarding the details of their evaluation process.

COMMERCE DEPARTMENT (HONS. & GEN.): As per the discretion of the respective department

SCIENCE DEPARTMENTS (HONOURS COURSES): As per the discretion of the respective departments.

SCIENCE DEPARTMENTS (GE & DSC COURSES)

Date and Day	Subject	Course	Semester
01.12.2020. (Tuesday)	Physics, Botany and Economics	DSC	II & IV
02.12.2020 (Wednesday)	Chemistry	DSC	II & IV
03.12.2020 (Thursday)	Mathematics and Zoology	DSC GE- II GE-IV	II & IV Sem-II IV
04.12.2020. (Friday)	Physiology	DSC SEC-II GE-IV	II & IV IV (B.Sc. General)

ARTS DEPARTMENTS (HONOURS & GE COURSES)

Date and Day	Subject	Course	Semester	Time
03.12.2020. (Thursday)	Bengali, English, Sanskrit, History, Philosophy and Political Science	All Honours courses	II & IV	As per the discretion of the respective departments
04.12.2020 (Friday)	Bengali, English, Sanskrit, History, Philosophy and Political Science	All GE courses	II & IV	As per the discretion of the respective departments

ARTS DEPARTMENTS (GENERAL STUDENTS)

Date and Day	Subject	Course	Semester	Time
03.12.2020. (Thursday)	Bengali	DSC	II & IV	10:00 am to 12:00 pm
	English	DSC	II & IV	12:30 pm to 2:30 pm
	Sanskrit	DSC	II & IV	3:00 pm to 5:00 pm
04.12.202 (Friday)	History	DSC	II & IV	10:00 am to 12:00 pm
	Philosophy	DSC	II & IV	12:30 pm to 2:30 pm
	Political Science	DSC	II & IV	3:00 pm to 5:00 pm
05.12.2020. (Saturday)	Physical Education	DSC	II & IV	10:00 am to 12:00 pm

Countersigned



Principal/Officer-in-Charge
Jhargram Raj College



Convener

Internal Examination Sub-Committee (UG CBCS)

JHARGRAM RAJ COLLEGE

Cir. No. 36

15.3.2021

It is hereby notified to all concerned students that the Internal Examinations (GE and DSC) for Semester 1, Semester 3, Semester 5 of UG courses for B.A. / B.Sc. / B.Com. (Hons and General) under CBCS pattern of Vidyasagar University will be conducted from March 25th to 1st April 2021.

Important points to be noted:

- The examination will be held through **online mode**.
- The Link will be shared fifteen minutes (15 minutes) before the commencement of the examination.
- The link *will be displayed in the college website under the Examination Notification of Students' Zone* and question papers will also be provided in the **whatsapp** group of the corresponding subject.

Instruction for submission of answer script

- Students must write their **Name, Previous Semester Roll No or current semester roll no (if available) along with Previous Semester or current semester (Registration No with year, Subject and Paper Code** on the top of their answer script.
- Students are directed to send the answer scripts in PDF format to the e-mail ID or whatsapp group as specified in the question paper.
- Subject of Email must be as File Name: Full Roll No._Subject_Paper Code.
- PDF File name must be as follows: Full Roll No._Subject_Paper Code.

Countersigned

Principal

Jhargram Raj College

Convener

Internal Examination Sub-Committee (UG CBCS)

Copy to (through e-mail):

1. Smt. Sudipta Mallick, Secretary, Teachers' Council.
2. All HoDs.
3. Members of Internal Examination Sub-Committee (UG CBCS):-
Arabinda Samanta (Bot.), Ansuman Bej (Chem), Md. Sariful Islam (Zool.), Oindrila Sen (Hist.)
Prasanta Patra (Chem), Sanchayita Adikari (Chem.), Sujan Pramanik (Phil.).
4. irc.website.info@gmail.com (for uploading at college website)

It is hereby notified to all concerned students that the Internal Examinations (Semester I, III and Semester V) of UG courses for B.A. / B.Sc. / B.Com. (GE and DSC) under CBCS pattern of Vidyasagar University will be conducted in online mode as per the following schedule.

COMMERCE DEPARTMENT (HONS. & GE.): As per the discretion of the respective department.

ARTS & SCIENCE DEPARTMENTS (HONOURS): As per the discretion of the respective departments.

SCIENCE DEPARTMENTS (GE & DSC COURSES)

Date and Day	Subject	Course	Semester	Time
25.3.2021 (Thursday)	Physics, Botany and Economics	GE, DSC	I	10.00 am to 1.00 pm
		GE, DSC, SEC 1	III	
		DSE, SEC3	V	
29.3.2021 (Monday)	Chemistry	GE, DSC	I	10.00 am to 1.00 pm
		GE, DSC, SEC 1	III	
		DSE, SEC3	V	
30.3.2021 (Tuesday)	Mathematics and Zoology	GE, DSC	I	10.00 am to 1.00 pm
		GE, DSC, SEC 1	III	
		DSE, SEC3	V	
31.3.2021 (Wednesday)	Physiology	GE, DSC	I	10.00 am to 1.00 pm
		DSC, SEC 1	III	
		DSE, SEC3	V	

ARTS DEPARTMENTS (All GE COURSES)

Date and Day	Subject	Course	Semester	Time
25.3.2021 (Thursday)	Bengali, English, Sanskrit, History, Philosophy and Political Science	All GE courses	I	10 am to 12.00pm
			III	
			V	

ARTS DEPARTMENTS (GENERAL STUDENTS)

Date and Day	Subject	Course	Semester	Time
25.3.2021 (Thursday)	Bengali	DSC	I	10:00 am to 12:00 pm
		DSC, SEC 1	III	10.00 am to 1.00 pm
		GE, DSE, SEC 3	V	10.00 am to 1.00 pm
	English	DSC	I	12:30 pm to 2:30 pm
		DSC, SEC 1	III	12:30 pm to 3:30 pm
		GE, DSE, SEC 3	V	12:30 pm to 3:30 pm
	Sanskrit	DSC	I	3:00 pm to 5:00 pm
		DSC, SEC 1	III	3.00 pm to 6.00 pm
		GE, DSE, SEC 3	V	3.00 pm to 6.00 pm
29.3.2021 (Monday)	History	DSC	I	10:00 am to 12:00 pm
		DSC, SEC 1	III	10.00 am to 1.00 pm
		GE, DSE, SEC 3	V	10.00 am to 1.00 pm
	Philosophy	DSC	I	12:30 pm to 2:30 pm
		DSC, SEC 1	III	12:30 pm to 3:30 pm
		GE, DSE, SEC 3	V	12:30 pm to 3:30 pm
	Political Science	DSC	I	3:00 pm to 5:00 pm
		DSC, SEC 1	III	3.00 pm to 6.00 pm
		GE, DSE, SEC 3	V	3.00 pm to 6.00 pm
30.3.2021 (Tuesday)	Physical Education	DSC	I	10:00 am to 12:00 pm
		DSC, SEC 1	III	10.00 am to 1.00 pm
		GE, DSE, SEC 3	V	10.00 am to 1.00 pm

ALL STUDENTS (HONS & GENERAL)

Date and Day	Subject	Course	Semester	Time
01.04.2021 (Thursday)	Science/Arts/ Commerce (HONS & GEN)	AECC ENG (ELECTIVE)	I	10.00 am to
	Arts/ Commerce (GEN)	ENG-1	I	1.00 pm
	Arts/ Commerce (GEN)	ENG-2	III	

N.B. Examinations date may change in case of any unavoidable circumstances.
For any query students are instructed to contact to their respective departments.

Countersigned

Principal
Jhargram Raj College

Convener
Internal Examination Sub-Committee (UGCBCS)

Cir. No. 38

JHARGRAM RAJ COLLEGE

20.03.2021

In continuation of the notification of cir no 37 dated 15.03.2021 some changes have been made for the AECC examination as follows.

ALL STUDENTS (HONS & GENERAL)

Date and Day	Subject	Course	Semester	Time
01.04.2021 (Thurs day)	Science/Arts/ Commerce (HONS & GEN)	AECC BENG/ENG (ELECTIVE)	I	10.00
	Arts/ Commerce (GEN)	ENG-1	I	am to
	Arts/ Commerce (GEN)	ENG-2	III	1.00 pm

N.B. Examinations date may change in case of any unavoidable circumstances.
For any query students are instructed to contact to their respective departments.

Countersigned

Principal
Jhargram Raj College

Convener
Internal Examination Sub-Committee (UG CBCS)

JHARGRAM RAJ COLLEGE

Cir. No. 40

23.03.2021

It is hereby notified to all concerned students that the Internal Examinations (GE and DSC) for Semester 1, Semester 3, Semester 5 of UG courses for B.A. / B.Sc. / B.Com. (Hons and General) under CBCS pattern of Vidyasagar University will be conducted from March 25th to 1st April 2021.

INSTRUCTIONS FOR STUDENTS:

Important points to be noted:

- The examination will be held through **online mode**.
- The Link will be shared fifteen minutes (15 minutes) before the commencement of the examination.
- The link *will be displayed in the college website under the Examination Notification of Students' Zone* and question papers will also be provided in the **whatsapp** group of the corresponding subject.
- For B.A. / B.Sc. (general) students will obtain their question papers by clicking
Semester → General Paper (G) → Required Subject
- For B.A. / B.Sc. (Honours category) students will obtain their (GE) question papers by clicking
Semester → Generic Paper (GE) → Required Subject

Instruction for submission of answer script

- Students must write their **Name, Previous Semester Roll No or current semester roll no (if available) along with Previous Semester or current semester Registration No with year, Subject and Paper Code** on the top of their answer script.
- Students are directed to send the answer scripts in PDF format to the e-mail ID or whatsapp group as specified in the question paper.
- Subject of Email must be as File Name: Full Roll No._Subject_Paper Code.
- PDF File name must be as follows: Full Roll No._Subject_Paper Code.

Department of Zoology

Jhargram Raj College

Notice

The Internal Examination of UG and PG students will be held on as per following schedule:

Class	Paper	Date	Time	Mode	Teacher in charge for conducting Examination
UG Sem I (Hons.)	C1T, C2T	15.1.22	To be notified later on	ONLINE	Md. Shariful Islam
UG Sem I (General)	DSC1/2/3AT	To be notified later on	-do-	ONLINE	Md/ Shariful Islam Sm. Sanchita Pan
UG Sem III (Hons.)	C5T, C6T	8.1.22	-do-	ONLINE	Shri Sourav Barai, Sm. Sanchita Pan
	C7T, SEC1	15.1.22	-do-	ONLINE	
UG Sem III (Generic)	GE3T	To be notified later on	-do-	ONLINE	Shri Sourav Barai, Sm. Sanchita Pan
UG Sem III (General)	DSC1/2/3CT SEC 1	To be notified later on	-do-	ONLINE	Shri Sourav Barai, Md. Shariful Islam Sm. Sanchita Pan
UG Sem V (Hons.)	C11T, C12T	8.1.22	-do-	ONLINE	Dr. Koushik Sen
	DSE1T, DSE2T	15.1.22	-do-	ONLINE	
UG Sem V (General)	DSE1T, SEC3	To be notified later on	-do-	ONLINE	Dr. Koushik Sen Md. Shariful Islam Sm. Sanchita Pan
PG SEM I	ZOO101, ZOO102, ZOO103, ZOO104	To be notified later on	-do-	Online/Offline	Dr. Krishnendu Sinha
PG SEM III	ZOO301, ZOO302, ZOO303B	To be notified later on	-do-	Online/Offline	Shri Sanjib Kumar Das
	C-ZOO-304 (CBCS) for PG chemistry students	To be notified later on	-do-	Online/Offline	

N. B. The schedule may be changed, if required. The students are advised to keep in touch with the concerned teacher. PG Sem III students are also advised to contact Department of Chemistry, Jhargram Raj college for their CBCS paper

Rahul Kumar Datta
HOD. 20/12/2021

Head
Deptt. of Zoology
Jhargram Raj College
Govt. of West Bengal

Jhargram Raj College
Dept. of Physiology

CIR No. - 23

NOTICE

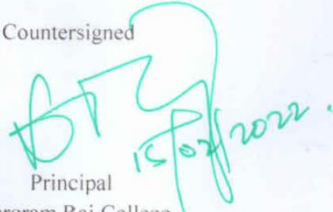
15/02/2022

It is hereby notified that the Internal Examination for 1st Semester (Hons.) will be held on 23.02.2022 according to the following schedule.

Class	Paper	Time
Physiology 1 st Semester (Hons.)	CC-1	11:30 am - 12:00 noon
	CC-2	12:15 pm - 12:45 pm

Students are directed to come at least 15 minutes prior to the scheduled time of examination.

Countersigned


Principal
Jhargram Raj College

Nivedita Bhattacharyya

Head,
Dept. of Physiology

Asstt. Professor
(W.B.S.)
JHARGRAM RAJ COLLEGE
(Govt. of W.B.)

Cir. No. - 66

Jhargram Raj College
Dept. of Physiology

Date - 27.04.22

NOTICE

It is hereby notified that the Internal Examination for 2nd, 4th and 6th Semester (Hons.) will be held on 05.05.2022 according to the following schedule.

Class	Paper	Time
6 th Semester (Hons.) Physiology	CC-13	11:00 am - 11:30 am
	CC-14	11:30 am - 12 noon
	DSE-3	12 noon - 12:30 pm
	DSE-4	12:30 pm - 1:00 pm
4 th Semester (Hons.) Physiology	CC-8	11:00 am - 11:30 am
	CC-9	11:30 am - 12 noon
	CC-10	12 noon - 12:30 pm
	SEC-2	12:30 pm - 1:00 pm
2 nd Semester (Hons.) Physiology	CC-3	11:00 am - 11:30 am
	CC-4	11:30 am - 12 noon

Students are directed to come at least 15 minutes prior to the scheduled time of examination.

Countersigned


Principal
Jhargram Raj College

Nivedita Bhattacharyya
Head,
Dept. of Physiology



JHARGRAM RAJ COLLEGE

JHARGRAM-721507



DEPARTMENT OF MATHEMATICS

2021-2022

24/05/2022

NOTICE

This is to inform all students of 4th and 6th semester B.Sc. (Honours in Mathematics) that the 2nd internal examination (online mode) for the academic year 2021 - 2022 has been scheduled to be held as per the following schedule :-

Sl. No.	Date & Day	Time	Paper Code
1.	02.06.2022 Thursday	11:00 AM -05:00PM	C13T, C14T C8T, C9T
2.	03.06.2022 Friday	11:00 AM -05:00PM	DSE-3, DSE-4 C10T, SEC-II

Students are required to follow the instruction below-

- 1) The question papers will be available at the whatsapp group as per the schedule.
- 2) The students are required to maintain different answer scripts for different papers.
- 3) The students are required to convert their answer scripts in PDF format and save the same as- paper code_college roll number.
- 4) The students are required to email their answer scripts into the following email address- jrcmathematics2020@gmail.com

Sandeep Sur

Head, Dept. of Mathematics
Jhargram Raj College

24/05/2022
Head, Dept. of Mathematics,
Jhargram Raj College
Govt. of West Bengal
Jhargram, PIN - 721507

JHARGRAM RAJ COLLEGE

Cir. No. 60

Date: 12.06.2021

It is hereby notified to all concerned students that the Internal Examinations (Semester II, IV and Semester VI) of UG courses for B.A. / B.Sc. / B.Com. (GE and DSC) under CBCS pattern of Vidyasagar University will be conducted in online mode as per the following schedule.

COMMERCE DEPARTMENT (HONS. & GE.): As per the discretion of the respective department.

ARTS & SCIENCE DEPARTMENTS (HONOURS): As per the discretion of the respective departments.

SCIENCE DEPARTMENTS (GE & DSC COURSES)

Date and Day	Subject	Course	Semester	Time
25.6.2021 (Fri day)	Physics, Botany and Economics	GE, DSC GE, DSC, SEC 2 DSE, SEC 4	II IV VI	10.00 am to 1.00 pm
26.6.2021 (Sat day)	Chemistry	GE, DSC GE, DSC, SEC 2 DSE, SEC 4	II IV VI	10.00 am to 1.00 pm
28.6.2021 (Mon day)	Mathematics and Zoology	GE, DSC GE, DSC, SEC 2 DSE, SEC 4	II IV VI	10.00 am to 1.00 pm
29.6.2021 (Tues day)	Physiology	GE, DSC GE, DSC, SEC 2 DSE, SEC 4	II IV VI	10.00 am to 1.00 pm

ARTS DEPARTMENTS (All GE COURSES)

Date and Day	Subject	Course	Semester	Time
25.6.2021 (Fri day)	Bengali, English, Sanskrit, History, Philosophy and Political Science	All GE courses	II IV	10 am to 12.00pm

ARTS DEPARTMENTS (GENERAL STUDENTS)

Date and Day	Subject	Course	Semester	Time
25.06.2021 (Fri day)	Bengali	DSC	II	10:00 am to 12:00 pm
		DSC, SEC 2	IV	10:00 am to 1.00 pm
		GE 2, DSE, SEC 4	VI	10:00 am to 1.00 pm
	English	DSC	II	12:30 pm to 2:30 pm
		DSC, SEC 2	IV	12:30 pm to 3:30 pm
		GE 2, DSE, SEC 4	VI	12:30 pm to 3:30 pm
26.06.2021 (Sat day)	History	DSC	II	10:00 am to 12:00 pm
		DSC, SEC 2	IV	10:00 am to 1.00 pm
		GE 2, DSE, SEC 4	VI	10:00 am to 1.00 pm
	Philosophy	DSC	II	12:30 pm to 2:30 pm
		DSC, SEC 2	IV	12:30 pm to 3:30 pm
		GE 2, DSE, SEC 4	VI	12:30 pm to 3:30 pm
Political Science	DSC	II	3:00 pm to 5:00 pm	
	DSC, SEC 2	IV	3:00 pm to 6:00 pm	
	GE 2, DSE, SEC 4	VI	3:00 pm to 6:00 pm	
28.06.2021 (Mon day)	Physical Education	DSC	II	10:00 am to 12:00 pm
		DSC, SEC 2	IV	10:00 am to 1.00 pm
		GE 2, DSE, SEC 4	VI	10:00 am to 1.00 pm

ALL STUDENTS (HONS & GENERAL)

Date and Day	Subject	Course	Semester	Time
30.06.2021 (Wed day)	Science/Arts/ Commerce (HONS & GEN)	AECC environmental studies	II	10.00 am to 1.00 pm
		BENG MIL -1	II	2.00 pm
	Arts/ Commerce (GEN) Arts/ Commerce (GEN)	BENG MIL -2	IV	2.00 pm

N.B. Examinations date may change in case of any unavoidable circumstances.
For any query students are instructed to contact to their respective departments.

Countersigned

Principal
Jhargram Raj College

Convener
Internal Examination Sub-Committee (UG CBCS)

It is hereby notified to all concerned students that the Internal Examinations (Semester III and Semester V) of UG courses for B.A. / B.Sc. / B.Com. (GE and DSC) under CBCS pattern of Vidyasagar University will be conducted in online mode as per the following schedule.

COMMERCE DEPARTMENT (HONS. & GE.): As per the discretion of the respective department.

ARTS & SCIENCE DEPARTMENTS (HONOURS): As per the discretion of the respective departments.

SCIENCE DEPARTMENTS (GE & DSC COURSES)

Date and Day	Subject	Course	Semester	Time
17.01.2022 (Monday)	Physics, Botany and Economics	GE, DSC, SEC 1 DSE, SEC 3	III V	10.00 am to 1.00 pm
18.01.2022 (Tuesday)	Chemistry	GE, DSC, SEC 1 DSE, SEC 3	III V	10.00 am to 1.00 pm
19.01.2022 (Wednesday)	Mathematics and Zoology	GE, DSC, SEC 1 DSE, SEC 3	III V	10.00 am to 1.00 pm
20.01.2022 (Thursday)	Physiology	GE, DSC, SEC 1 DSE, SEC 3	III V	10.00 am to 1.00 pm

ARTS DEPARTMENTS (All GE COURSES FOR HONOURS Students)

Date and Day	Subject	Course	Semester	Time
17.01.2022 (Monday)	Bengali, English, Sanskrit, History, Philosophy and Political Science	All GE courses	III	10 am to 12.00pm

ARTS DEPARTMENTS (GENERAL Students)

Date and Day	Subject	Course	Semester	Time
17.01.2022 (Monday)	Bengali	DSC, SEC 1 GE 1, DSE, SEC 3	III V	10:00 am to 12:00 pm 10.00 am to 1.00 pm
	English	DSC, SEC 1 GE 1, DSE, SEC 3	III V	12:30 pm to 2:30 pm 12:30 pm to 3:30 pm
	Sanskrit	DSC, SEC 1 GE 1, DSE, SEC 3	III V	3:00 pm to 4:00 pm 4.00 pm to 5.00 pm
18.01.2022 (Tuesday)	History	DSC, SEC 1 GE 1, DSE, SEC 3	III V	10:00 am to 12:00 pm 10.00 am to 1.00 pm
	Philosophy	DSC, SEC 1 GE 1, DSE, SEC 3	III V	12:30 pm to 2:30 pm 12:30 pm to 3:30 pm
	Political Science	DSC, SEC 1 GE 1, DSE, SEC 3	III V	3:00 pm to 5:00 pm 3.00 pm to 6.00 pm
19.01.2022 (Wednesday)	Physical Education	DSC, SEC 1 GE 1, DSE, SEC 3	III V	10:00 am to 12:00 pm 10.00 am to 1.00 pm

ALL STUDENTS (HONS & GENERAL)

Date and Day	Subject	Course	Semester	Time
20.01.2022 (Thursday)	B.A /B.Com (GEN)	AECC core English 2	III	10.00 am to 1.00 pm

N.B. Examinations date may change in case of any unavoidable circumstances.

For any query students are instructed to contact to their respective departments.

Countersigned

Principal
Jhargram Raj College

Convener
Internal Examination Sub-Committee (UG CBCS)

It is hereby notified to all concerned students that the Internal Examinations (GE and DSC) for Semester III and Semester V of UG courses for B.A. / B.Sc. / B.Com. (Hons and General) under CBCS pattern of Vidyasagar University will be conducted from January 17th to 20th 2022.

Important points to be noted:

- The examination will be held through **online mode..**
- The Question Paper will be shared fifteen minutes (15 minutes) before the commencement of the examination.
- The link *will be displayed in the college website under the "Examination" Submenu of Students' Zone* and question papers will also be provided in the **whatsapp** group of the corresponding subject.
- For B.A. / B.Sc. (general) students will obtain their question papers by clicking
Semester → General Paper (G) → Required Subject
- For B.A. / B.Sc. (Honours category) students will obtain their (GE) question papers by clicking

Semester → Generic Paper (GE) → Required Subject

Instruction for submission of answer script

- Students must write their **Name, Previous Semester Roll No or current semester roll no (if available) along with Previous Semester or current semester Registration No with year, Subject and Paper Code** on the top of their answer script.
- Students are directed to send the answer scripts in PDF format to the e-mail ID or whatsapp group as specified in the question paper.
- Subject of Email must be as File Name: Full Roll No. _Subject _Paper Code.
- PDF File name must be as follows: Full Roll No. _Subject _Paper Code.
- ❖ Students should be extremely careful during submission of answer scripts in wrong e-mail ID is subjected to be cancelled.

Countersigned

Principal

Jhargram Raj College

Convener

Internal Examination Sub-Committee (UG CBCS)
Jhargram Raj College

It is hereby notified to all concerned students that the Internal Examinations (Semester 1) of UG courses for B.A. / B.Sc. / B.Com. (GE and DSC) under CBCS pattern of Vidyasagar University will be conducted in online mode as per the following schedule.

COMMERCE DEPARTMENT (HONS. & GE.): As per the discretion of the respective department.

ARTS & SCIENCE DEPARTMENTS (HONOURS): As per the discretion of the respective departments.

SCIENCE DEPARTMENTS (For GE & DSC COURSES)

Date and Day	Subject	Course	Semester	Time
24.02.2022 (Thurs day)	Physics, Botany and Economics	GE, DSC,	I	10.00 am to 12.00 pm
25.02.2022 (Fri day)	Chemistry	GE, DSC	I	10.00 am to 12.00 pm
26.02.2022 (Sat day)	Mathematics and Zoology	GE,,DSC	I	10.00 am to 12.00 pm
28.02.2022 (Mon day)	Physiology	GE, DSC	I	10.00 am to 12.00 pm

ARTS DEPARTMENTS (All GE COURSES FOR HONOURS Students)

Date and Day	Subject	Course	Semester	Time
24.02.2022 (Thurs day)	Bengali, English, Sanskrit, History, Philosophy and Political Science	All GE courses	I	10 am to 12.00pm

ARTS DEPARTMENTS (For GENERAL Students)

Date and Day	Subject	Course	Semester	Time
24.02.2022 (Thurs day)	Bengali	DSC	I	10:00 am to 12:00 pm
	English	DSC	I	12:30 pm to 2:30 pm
	Sanskrit	DSC	I	3:00 pm to 4:00 pm
25.02.2022 (Fri day)	History	DSC	I	10:00 am to 12:00 pm
	Philosophy	DSC	I	12:30 pm to 2:30 pm
	Political Science	DSC	I	3:00 pm to 5:00 pm
26.02.2022 (Sat day)	Physical Education	DSC	I	10:00 am to 12:00 pm

ALL STUDENTS (HONS & GENERAL)

Date and Day	Subject	Course	Semester	Time
28.02.2022 (Mon day)	B.A /B. sc/B.Com (HONS and GEN)	AECC core English (Elective)	I	1.00 pm to 3.00 pm
	B. A/ B. Com (GEN)	English -1	I	3.00 pm to 5 pm

N.B. Examinations date may change in case of any unavoidable circumstances.
For any query students are instructed to contact to their respective departments.

Countersigned

Principal
Jhargram Raj College

Ushani Dutta
Convener

Internal Examination Sub-Committee (UG CBCS)

JHARGRAM RAJ COLLEGE

Cir. No. 25

17.02.2022

It is hereby notified to all concerned students that the Internal Examinations (GE and DSC) for Semester I UG courses for B.A. / B.Sc. / B.Com. (Hons and General) under CBCS pattern of Vidyasagar University will be conducted from February 24th to 28th 2022. Some alteration of the previous routine has been made as per following schedule.

ARTS DEPARTMENTS (All GE COURSES FOR HONOURS Students)

Date and Day	Subject	Course	Semester	Time
24.02.2022 (Thurs day)	English, Sanskrit, History, Philosophy and Political Science	All GE courses	I	10 am to 12.00pm

ALL STUDENTS (HONS & GENERAL)

Date and Day	Subject	Course	Semester	Time
28.02.2022 (Mon day)	B.A /B. Sc/B.Com (HONS)	AECC English (Elective)	I	1.00 pm to3.00 pm
	B.A/B. Sc/B. Com (GEN)	AECC Bengali (Elective)	I	1.00 pm to3.00 pm
	B. A/ B. Com (GEN)	English -1	I	3.00 pm to 5 pm

INSTRUCTIONS FOR STUDENTS:

Important points to be noted:

- The examination will be held through **online mode**.
- The Link will be shared fifteen minutes (15 minutes) before the commencement of the examination.
- The link *will be displayed in the college website under the Examination Button of Students' Zone* and question papers will also be provided in the **whatsapp** group of the corresponding subject.
- For B.A. / B.Sc. (general) students will obtain their question papers by clicking

I Semester → General Paper (DSC) → Required Subject

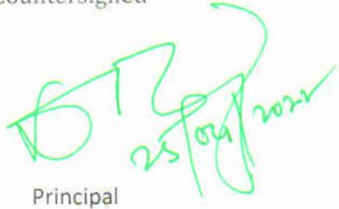
JHARGRAM RAJ COLLEGE

Cir. No. 61

25.04.2022

It is hereby notified to all concerned students that the Internal Examinations for Semester VI of UG courses for B.A. / B.Sc. / B.Com. (General) under CBCS pattern of Vidyasagar University will be conducted from May 4th to 6th 2022 through offline mode.

Countersigned



Principal

Jhargram Raj College

Usheni Datta
Convener

Internal Examination Sub-Committee (UG CBCS)

1. Co-ordinator, I Q A C
2. Secretary, Teachers' Council.
3. All HoDs.
4. Members of Internal Examination Sub-Committee (UG CBCS):-
Arabinda Samanta (jt. Convener, Internal Examination Sub-Committee UG CBCS), Ansuman Bej (Chem), Md. Sariful Islam (Zool.), Oindrila Sen (Hist.) Prasanta Patra (Chem), Sanchayita Adikari (Chem.), Sujan Pramanik (Phil.). Srijita Saha (Eng)
5. Convener, Website Sub-Committee.
6. Office file.

Cir. No. 80

13.05.2022

JHARGRAM RAJ COLLEGE

It is hereby notified to all concerned departments that the Internal Examinations for Semester VI UG courses for B.A. / B.Sc. / B.Com. (General) under CBCS pattern of Vidyasagar University will be conducted from 23rd to 25th May, 2022.

countersigned



Principal

Jhargram Raj College

Principal
Jhargram Raj College

Ushani Duttar

Convener

Internal Examination Sub-Committee (UG CBCS)

Copy to :

1. Co-ordinator, I Q A C
2. Secretary, Teachers' Council.
3. All HoDs.
4. Members of Internal Examination Sub-Committee (UG CBCS):-
Arabinda Samanta (jt. Convener, Internal Examination Sub-Committee UG CBCS), Ansuman Bej (Chem), Md. Sariful Islam (Zool.), Oindrila Sen (Hist.) Prasanta Patra (Chem), Sanchayita Adikari (Chem.), Sujan Pramanik (Phil.). Srijita Saha (Eng)
5. Convener, Website Sub-Committee.
6. Office file.

Cir. No- 81

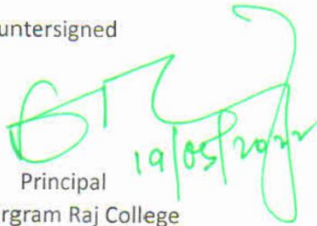
JHARGRAM RAJ COLLEGE

19.05.2022

In partial modification of the earlier notification regarding Internal Assessments (2022) for Semester VI of UG course for B.A./ B.Sc./ B.Com. (General) under CBCS pattern of Vidyasagar University (Ref- Cir. No- 80 Dated- 13.05.2022), it is hereby notified to all concerned that the above mentioned internal assessment will be conducted in online mode in compliance to the notice bearing Ref. No. VU/CE/Exam./GD-5070/2022 dated 15.05.2022 of the Office of the Controller of examinations, Vidyasagar University.

Examination schedule will remain same as notified earlier (Ref: Cir. No- 80; dated 13.05.2022).

Countersigned


Principal
Jhargram Raj College

Arabiade Samanta

Joint Convener
Internal Examination Sub-Committee (UG CBCS)

Copy to:

1. The Secretary, Teachers' Council
2. The Co-Ordinator, IQAC
3. All the HODs.
4. The Convenor, Website Sub Committee
5. Office file

JHARGRAM RAJ COLLEGE

Cir. No. 83

20.05.2022

It is hereby notified to all concerned students that the Internal Examinations (DSC) for Semester VI B.A. / B.Sc. (General) under CBCS pattern of Vidyasagar University will be conducted from May 23rd to 25th 2022.

INSTRUCTIONS FOR STUDENTS:

- The examination will be held through **online mode..**
- The Link will be shared fifteen minutes (15 minutes) before the commencement of the examination.
- The link *will be displayed in the college website under the Examination Notification of Students' Zone .*
- For B.A. / B.Sc. (general) students will obtain their question papers by clicking
Semester → General Paper (G) → Required Subject

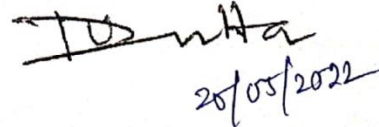
Instructions for submission of answer script

- Students must write their **Name, Previous Semester Roll No or current semester roll no (if available) along with Previous Semester or current semester Registration No with year, Subject and Paper Code** on the top of their answer script.
- Students are directed to send the answer scripts in PDF format to the e-mail ID or as specified in the question paper.
- Subject of Email must be as File Name: Full Roll No._Subject_Paper Code.
- PDF File name must be as follows: Full Roll No._Subject_Paper Code.
- ❖ Students should be extremely careful during submission of answer scripts in wrong e-mail ID is subjected to be cancelled.

Countersigned



Principal
Jhargram Raj College
Principal
Jhargram Raj College



20/05/2022

Convener
Internal Examination Sub-Committee (UG CBCS)

Jhargram Raj College
Department of philosophy

Notice

This is to notify for all concerned that, the internal examination for 4th & 2nd Semester students of Philosophy Honours course will be held on 29.06.2022 at Room no.U9. The schedule would be as follows ---

<u>Paper</u>	<u>Date</u>	<u>Time</u>	<u>Year</u>
CC 8, CC 9, CC10, SEC 2	29.06.2022	11.00 am to 2pm	4 th Sem Hons
CC 3, CC4	29.06.2022	11.00 am to 2pm	2 nd Sem Hons

Sudipta Mullick

Head
Department of Philosophy



JHARGRAM RAJ COLLEGE

JHARGRAM – 721 507



DEPARTMENT OF MATHEMATICS

2022-2023

08.09.2022

Notice

This is to inform all students of 5th semester B.Sc. (Honours in Mathematics) that the 1st internal examination (offline mode) for the academic year 2022-2023 has been scheduled to be held as per the following schedule :-

Sl. No.	Date & Day	Time	Paper Code
1.	20.09.2022 Tuesday	11.00 AM – 12.00 PM	C11, C12
2.	21.09.2022 Wednesday	11.00 AM – 12.00 PM	DSE1, DSE2

Syllabus for the upcoming Internal Examination

Sl. No.	Paper	Syllabus
1.	C11	Unit I
2.	C12	Unit I
3.	DSE1	LPP by Graphical Method
4.	DSE2	Introduction to Probability

Sandeep Suvarc
08/09/2022

Head, Dept. of Mathematics

Jhargram Raj College

Head, Dept. of Mathematics
Jhargram Raj College
Govt. of West Bengal
Jhargram, PIN - 721507



JHARGRAM RAJ COLLEGE

JHARGRAM – 721 507



DEPARTMENT OF MATHEMATICS

2022-2023

10.11.2022

Notice

This is to inform all students of 3rd semester B.Sc. (Honours in Mathematics) that the 1st internal examination (offline mode) for the academic year 2022-2023 has been scheduled to be held as per the following schedule :-

Sl. No.	Date & Day	Time	Paper Code
1.	22.11.2022 Tuesday	11.00 AM – 12.00 PM	C5, C6
2.	23.11.2022 Wednesday	11.00 AM – 12.00 PM	C7, SEC1

Syllabus for the upcoming Internal Examination

Sl. No.	Paper	Syllabus
1.	C5	Limit and Continuity
2.	C6	Groups, Sub Groups and Cyclic Groups
3.	C7	(a) System of Linear and Algebraic Equations (b) Transcendental and Polynomial Equations
4.	SEC1	Propositional Calculus

Sandip Saha 10/11/2022

Head, Dept. of Mathematics

Jhargram Raj College

Head, Dept. of Mathematics
Jhargram Raj College
Govt. of West Bengal
Jhargram, PIN - 721507

JHARGRAM RAJ COLLEGE

JHARGRAM – 721507

Botany Department

Ref. No. 41

Date: 24/11/22

NOTICE

All concerned students are hereby directed to follow the given schedule of internal assessment of respective papers to fulfill course curriculum:

Internal Examination schedule: -

Sl. No	Paper Code	Semester	Date	Time
1	CC 1	I	19.12.22	11 A.M
2	CC 2	I	16.12.22	12 P.M
3	CC 5	III	15.12.22	12 P.M
4	CC 6	III	15.12.22	1 P.M
5	CC 7	III	14.12.22	12 P.M
6	SEC 1	III	22.12.22	12 P.M
7	CC 11	V	28.11.22	11 A.M
8	CC 12	V	28.11.22	12 P.M
9	DSE 1	V	30.12.22	12 P.M
10	DSE 2	V	29.11.22	11 A.M

Arghya Ghosh

Dr. Arghya Ghosh

Head of the Deptt., Botany

Jhargram Raj College

Copy to: -

1. Academic file
2. Notice book

DR. ARGHYA GHOSH (W.B.E.S.)

H.O.D. & ASSISTANT PROFESSOR

DEPARTMENT OF BOTANY

JHARGRAM RAJ COLLEGE

JHARGRAM - 712507

JHARGRAM RAJ COLLEGE

Jhargram 721507

Department of History

Ref. No.: JRC/HIST/T/5/2022

Date: 22.12.2022

NOTICE

It is hereby notified that a meeting of the faculty members of the Department of History will be held on 03.01.2023, at 02:00 p.m. to discuss the following agenda.

Agenda:

1. Modalities of Semester 5 (Honours) Supplementary Internal Examination (2022)
2. Modalities of Semester 5 (General) Supplementary Internal Examination (2022)
3. Modalities of Semester 1 & 3 (Honours) Internal Examination – I (2022-23)
4. Modalities of Semester 1 & 3 (General) Internal Examination (2022-23)
5. Departmental Seminar
6. Departmental Educational Tour

All the esteemed faculty members of the department are cordially requested to attend the aforesaid meeting.



Head
Department of History
Jhargram Raj College

Notice

It is hereby notified that the internal examination of 4th semester CBCS (Hons) will be held as per following schedule.

Date	Paper	Time	Name
24/07/2023	C8T	11.45 am -12.15 pm	Mathematical Physics 1
	C9T	12.30 pm-1.00 pm	Elements of Modern Physics
25/07/2023	C10 T	11.45 am -12.15 pm	Analog Systems and Applications
	SEC 2	12.30 pm-1.00 pm	Applied Optics



Signature of the teachers:

Date :- 14.07.23

Ushasi Dutta
Head

Department of Physics

Internal question paper setter

1. C8T Subhadip Sau
2. C9T Ushasi Dutta
3. C 10T Tapas Ghosh 
4. SEC 2 Sourabh Mulhopadhyay 
5. GE 4 Ushasi Dutta & Subhasree Pradhan
6. DSC 4 Manowar Ali

It is hereby notified to all concerned students that the Internal Examinations (Semester I and Semester III) of UG courses for B.A. / B.Sc. / B.Com. (Hons. and Gen) under CBCS pattern of Vidyasagar University will be conducted as per the following schedule.

COMMERCE DEPARTMENT (HONS. & GE.): As per the discretion of the respective department.

ARTS & SCIENCE DEPARTMENTS (HONOURS): As per the discretion of the respective departments.

Semester-I

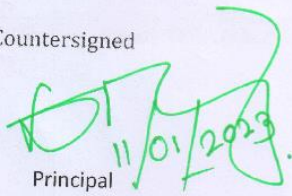
DATE	SUBJECT	COURSE	TIME	ROOM NO	Name of Teacher
16.01.2023 Monday	Chemistry, Physics Mathematics Botany,	GE1	11:00-11:30 AM	CH10	Tapas Ghosh, Chandrani Roy, Manowar Ali
	Philosophy, Sanskrit		11:00-11:30 AM	LH7	Milan Kumar Mal, Dr. Sudip Kumar Das Debasis Manna, Sridam Ghosh
	Physiology, Political Science		01:00-01:30 PM	LH7	Chandrani Roy, Manowar Ali, Sankhadip Maity
	Bengali, Mathematics	DSC	02:00-02:30 PM	LH2	Milan Kumar Mal, Dr. Sudip Kumar Das Debasis Manna
				LH5	Subhadip Sau, Tarun Mistri, Tapas Ghosh
				LH7	Sankhadip Maity, sikandar Ansari, Arobinda samanta, Sridam Ghosh
CH10				Dilip Rout, Md Bodruddoza Arefin, Sanchayita Adikari	
Political Science, Physics		03:00-03:30 PM	LH2	Sridam Ghosh, Tarun Mistri, Naba Kumar Mondal, Subhadip Sau	
17.01.2023 Tuesday	Sanskrit, Botany	DSC	11:00-11:30 AM	CH10	Subhasree Pradhan, Satabdi Das Debashis Manna, Abhoy De
	Physical Education		12:00-12:30 PM		
	History		01:00-01:30 PM	LH7	Prabir Das Ajoy Gopal Bera, Chandrani Roy, Debashree Mahapatra,
	Philosophy, Chemistry		02:00-02:30 PM		
	English, Physiology, Zoology		03:00-03:30 PM	LH2	Debanjan Das Koushik Sen, Subhadip Sau Tarun Mistri
20.01.2023 Friday	English-1 (B.A./B.Com. Gen.)	AECC Core	11:00-11:30 AM	CH10,	Sourav Pal Sankhadip Maity Sreejit Ghosh Sayantan Roy
				LH7,	Chatradhar Dey, Biswajit Dutta Bhabesh Mahata Oindrila Sen
				LH2	Ranjit Kumar Kapat Dalia Mahata Rajesh Kumar Pandey, Debanjan Das
				LH5	Susovan Mondal, Baisakhi Kundu Prabir Das
20.01.2023 Friday	English (B.A./B.Sc./B. Com- Hons.)	AECC Elective	01:30-02:00 PM	CH10,	Sourav Pal, Susovan Mondal, Sreejit Ghosh, Sayantan Roy
20.01.2023 Friday	Bengali (B.A/, B.Sc./ B.Com. Gen)		02:30-03:00 PM	LH7,	Chatradhar Dey Biswajit Dutta Bhabesh Mahata, Krishnendu Sinha
				LH2	Ranjit Kumar Kapat, Dalia Mahata, Rajesh Kumar Pandey, Debanjan Das
				LH5	Susovan Mondal, Baisakhi Kundu Prabir Das

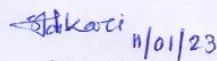
Semester-III

DATE	SUBJECT	COURSE	TIME	ROOM NO	Name of Teacher
18.01.2023 Wednesday	Bengali, English,	GE3	11:00-11:30 AM	CH10	Debashree Mahapatra Ajoy Gopal Bera Manowar Ali, Naba Kumar Bera
	History,		11:00-11:30 AM	LH2	Chandrani Roy Aboy De, Koushik Sen
	Mathematics, Chemistry, Physics		12:00-12:30 PM	CH10	Debashree Mahapatra Ajoy Gopal Bera Manowar Ali
	Physiology, Zoology	DSC, SEC	01:00-01:30 PM	LH7	Bhabesh Mahata Chatradhar Dey Sanchita Pan Momijul Haque
	Bengali, Mathematics		02:00-03:00 PM		Chandrani Roy Pravanjan Jana Aboy De, Koushik Sen
	Political Science, Physics		03:00-04:00 PM	LH2	
19.01.2023 Thursday	Sanskrit, Botany	DSC, SEC	11:00-12:00 NOON	CH10	Biswajit Dutta Sanjib Kumar Das Krishnendu Sinha, Naba Kumar Bera
	Physical Education, Zoology		12:00-01:00 PM	LH7	Sanjib Kumar Das Satabdi Das Dalia Mahata Dr. Sudip Kumar Das
	History		01:00-02:00 PM	CH10	Momijul Haque, Oindrila Sen, Bodruddoza Arefin, Subhasree Pradhan
	Philosophy, Chemistry		02:00-03:00 PM	LH7	Ranjit Kumar Kapat Milan Kumar Mal Sridam Ghosh
	English, Physiology		03:00-04:00 PM	LH2	Dalia Mahata Sourav Barai Md Bodruddoza Arefin, Tapas Ghosh
20.01.2023 Friday	English-2 (B.A./B.Com. Gen.)	AECC-Core	12:00-12:30 PM	CH10	Sourav Pal Sankhadip Maity Sreejit Ghosh Sayantan Roy
				LH2	Ranjit Kumar Kapat Dalia Mahata Rajesh Kumar Pandey Debanjan Das
				LH7,	Chatradhar Dey Biswajit Dutta Bhabesh Mahata Krishnendu Sinha
				LH5	Prabir Das, Sourav Barai

N.B. Examinations date may change in case of any unavoidable circumstances.
For any query students are instructed to contact to their respective departments.

Countersigned


Principal
Jhargram Raj College


Convener

Internal Examination Sub-Committee (UG CBCS)

JHARGRAM RAJ COLLEGE

It is hereby notified to all concerned students that the Internal Examinations (Semester II and Semester IV) of UG courses for B.A. / B.Sc. / B.Com. (GE and DSC) under CBCS pattern of Vidyasagar University will be conducted in online mode as per the following schedule.

COMMERCE DEPARTMENT (HONS. & GE.): As per the discretion of the respective department.

ARTS & SCIENCE DEPARTMENTS (HONOURS): As per the discretion of the respective departments.

SCIENCE DEPARTMENTS (GE & DSC COURSES)

Date and Day	Subject	Course	Semester	Time
14.06.2022 (Tues day)	Physics, Botany and Economics	GE, DSC GE, DSC, SEC 2	II IV	10.00 am to 1.00 pm
15.06.2022 (Wed day)	Chemistry	GE, DSC GE, DSC, SEC 2	II IV	10.00 am to 1.00 pm
16.06.2022 (Thurs day)	Mathematics and Zoology	GE, DSC GE, DSC, SEC 2	II IV	10.00 am to 1.00 pm
17.06.2022 (Fri day)	Physiology	GE, DSC GE, DSC, SEC 2	II IV	10.00 am to 1.00 pm

ARTS DEPARTMENTS (All GE COURSES FOR HONOURS Students)

Date and Day	Subject	Course	Semester	Time
14.06.2022 (Tues day)	Bengali, English, Sanskrit, History, Philosophy and Political Science	All GE courses	II, IV	10 am to 12.00pm

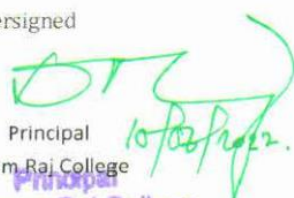
ARTS DEPARTMENTS (GENERAL Students)

Date and Day	Subject	Course	Semester	Time
14.06.2022 (Tues day)	Bengali	DSC DSC, SEC 2	II IV	10:00 am to 12:00 noon 10.00 am to 1.00 pm
	English	DSC DSC, SEC 2	II IV	12:30 pm to 2:30 pm 12:30 pm to 3:30 pm
	Sanskrit	DSC DSC, SEC 2	II IV	3:00 pm to 4:00 pm 4.00 pm to 5.00 pm
15.06.2022 (Wednesday)	History	DSC DSC, SEC 2	II IV	10:00 am to 12:00 noon 10.00 am to 1.00 pm
	Philosophy	DSC DSC, SEC 2	II IV	12:30 pm to 2:30 pm 12:30 pm to 3:30 pm
	Political Science	DSC DSC, SEC 2	II IV	3:00 pm to 5:00 pm 3.00 pm to 6.00 pm
16.06.2022 (Thurs day)	Physical Education	DSC DSC, SEC 2	II IV	10:00 am to 12:00 noon 10.00 am to 1.00 pm

ALL STUDENTS (HONS & GENERAL)

Date and Day	Subject	Course	Semester	Time
18.06.2022 (Saturday)	Science/Arts/ Commerce (HONS & GEN)	AECC ENVS	II	10.00 am to 01:00 pm
	Arts/ Commerce (GEN)	BENG MIL -1	II	1:00 pm to 02:00 pm
	Arts/ Commerce (GEN)	BENG MIL -2	IV	01:00 pm to 02:00 pm

Countersigned


 Principal
 Jhargram Raj College
 Jhargram Raj College


 Convener

Internal Examination Sub-Committee (UG CBCS)

It is hereby notified to all concerned students that the Internal Assessment of Semester V of UG courses for B.A. / B.Sc. / B.Com. (GE, DSE and SEC)-2022, under CBCS pattern of Vidyasagar University will be conducted as per the following schedule.

COMMERCE DEPARTMENT (Hons. and Gen.) As per the discretion of the respective department.

ARTS & SCIENCE DEPARTMENTS (Hons.): As per the discretion of the respective departments.

SCIENCE DEPARTMENTS- (GE, DSE and SEC COURSES)

Date	Subject	Paper	Room No	Time
13.12.2022 (Tuesday)	Botany Physics	DSE DSE	CH10	11:30 am to 12:00
14.12.2022 (Wednesday)	Zoology Mathematics	DSE, SEC DSE, SEC	CH10	11:30 am to 12:30 pm
15.12.2022 (Thursday)	Physiology Chemistry	DSE, SEC DSE, SEC	CH10	11:30 am to 12:30 pm 01:00 pm to 02:00 pm

ARTS DEPARTMENTS (GENERAL Students)

Date and Day	Subject	Course	Room No	Time
13.12.2022 (Tuesday)	Bengali	GE , DSE, SEC	LH2	11:00 am to 12.30 pm
	Political Science	GE, DSE	LH7	01:00 pm to 02.00 pm
14.12.2022 (Wednesday)	Philosophy	GE, DSE	LH2	11:00 am to 12:00 noon
	History	GE, DSE	LH7	12:30 pm to 01.30 pm
15.12.2022 (Thursday)	English	GE , DSE, SEC	LH2	11:00 am to 12.30 pm
	Physical Education	GE, DSE, SEC	LH2	01:00 pm to 2:30 pm
	Sanskrit	GE, DSE	LH7	01:00 pm to 2:00 pm

N.B. Examinations date may change in case of any unavoidable circumstances.
For any query students are instructed to contact to their respective departments.

Countersigned



Principal
Jhargram Raj College



Joint-Convenor
Internal Examination Sub-Committee (UG CBCS)

Cir. No. 10

JHARGRAM RAJ COLLEGE

14.01.2023

This is to notify for all concerned students that due to unavoidable circumstances, the internal examination (Semester-I) of UG Courses for B.A./B.Sc./B.Com. (Hons. & Gen.) under CBCS pattern of Vidyasagar University scheduled on **16.01.2023 (notified by Cir. No. 05, dated 05.01.2023) has been rescheduled and will be conducted on 30.01.2023.**

The other details related to examination schedule will remain same.

Countersigned



Principal
Jhargram Raj College



Convener
Internal Examination Sub-committee (UG CBCS)

Copy to:

1. IQAC Coordinator
2. Secretary, Teachers' Council
3. All HODs
4. Guard File
5. Convener, Website Sub Committee

Cir. No. 90

26.05.23

JHARGRAM RAJ COLLEGE

It is hereby notified to all concerned students that the Internal Examinations, 2023 (Semester VI) of UG courses for B.A. / B.Sc. / B.Com. (DSC) under CBCS pattern of Vidyasagar University will be conducted as per the following schedule.

SCIENCE DEPARTMENTS (GENERAL STUDENTS)

Date and Day	Subject	Course	Semester	Room No	Time
05.06.2023 (Monday)	Physics, Botany and Economics	DSE, SEC 4	VI	CH-10	11.30 am to 12.00 pm 12.00 pm to 12.30 pm
06.06.2023 (Tuesday)	Chemistry and Physiology	DSE, SEC 4	VI	LH 7	11.30 am to 12.00 pm 12.00 pm to 12.30 pm
07.06.2023 (Wednesday)	Mathematics and Zoology	DSE, SEC 4	VI	CH 10	11.30 am to 12.00 pm 12.00 pm to 12.30 pm

ARTS DEPARTMENTS (GENERAL STUDENTS)

Date and Day	Subject	Course	Semester	Room No	Time
05.06.2023 (Monday)	Bengali	GE 2, DSE, SEC 4	VI	LH 2	11:00 am to 11:30 pm 11.30 pm to 12.00 pm 12.00 pm to 12.30 pm
	English	GE 2, DSE	VI	CH 10	1:00 pm to 1:30 pm 1:30 pm to 2:00 pm
	Sanskrit	GE 2, DSE	VI	LH 2	2:30 pm to 3:00 pm 3.00 pm to 3.30 pm
06.06.2023 (Tuesday)	History	GE 2, DSE, SEC 4	VI	LH 2	11:00 am to 11:30 pm 11.30 pm to 12.00 pm 12.00 pm to 12.30 pm
	Political Science	GE 2, DSE,	VI	CH 10	12.30 pm to 1.00 pm 1:00 pm to 1:30 pm
	Philosophy	GE 2, DSE, SEC 4	VI	LH 2	1:30 pm to 2:00 pm 2.30 pm to 3.00 pm 3.00 pm to 3.30 pm
07.06.2023 (Wednesday)	Physical Education	GE 2, DSE, SEC 4	VI	LH 2	11:30 am to 12:00 pm 12.00 pm to 12.30 pm 12.30 pm to 1.00 pm

N.B. Examinations date may change in case of any unavoidable circumstances.
For any query students are instructed to contact to their respective departments.

Countersigned

Principal
Jhargram Raj College

For
26/05/23

Convener
Internal Examination Sub-Committee (UG CBCS)

ঝাড়গ্রাম রাজ কলেজ
বাংলা (সাধারণ)
আভ্যন্তরীণ পরীক্ষা – ২০২০
২য় যফাস

DSC (DSC 1B)

(১৫০ শব্দের মধ্যে) যে কোনও একটি প্রশ্নের উত্তর দাও -

- ১। ‘শ্রীদাম সুদাম দাম...’ পদটি অবলম্বনে যশোদার মেহের পরিচয় দাও।
- ২। ‘এ সখি হামারি দুখের নাহি ওর...’ – পদটিতে রাধার বেদনা কীভাবে প্রকাশিত হয়েছে?
- ৩। ‘রাধার কি হইল অন্তরে ব্যথা...’ পদটিতে প্রেমের কোন বৈশিষ্ট্য চিত্রিত হয়েছে?
- ৪। ‘গিরি এবার আমার উমা এলে...’ পদটিতে বিবাহিত কন্যা ও মায়ের সম্পর্ক কীভাবে বর্ণিত হয়েছে?
- ৫। ‘ওরে নবমী নিশি...’ কবিতায় মাতৃহৃদয়ের ব্যাকুলতা কীভাবে প্রকাশিত?
- ৬। ‘বীরাজনা’ কাব্যের পত্রগুলি দাম্পত্যপ্রেম, বৈধপ্রেম ও অবৈধ প্রেমের চিত্র বহন করে। চরিত্রের পরিচয় দিয়ে পাঠ্য পদগুলিকে এই বৈশিষ্ট্য অনুসারে ভাগ করো।
- ৭। যতীন্দ্রনাথ সেনগুপ্তের ‘দুঃখবাদী’ কবিতাটির বিষয়বস্তু নিজের ভাষায় লেখো।

(প্রত্যেক ছাত্র-ছাত্রী যেন এই পেপারের খাতা এই মেলে জমা করে

rajcollegebanglaclassroom@gmail.com)

Jhargram Raj College

CBCS Internal Assessment 2020

Semester-II

Core 3 / DSC-1B

Full Marks: 30

Time: 1 Hour

1. Answer any **one** from the following within **125** words:
 - a) Sketch the character of either Raina or Bluntschli or Sergius.
 - b) What impression do you get of the natives in *Shooting An Elephant*?
 - c) What is the significance of the ending of *An Inspector Calls*?

Candidate must write his/her name, semester, university roll no., registration no. with year at the top of the answer script.

Answer scripts must be mailed to english.jhargramrajcollege@gmail.com or sent to 9477522944 WhatsApp no. within one hour of completion of examination.



JHARGRAM RAJ COLLEGE
JHARGRAM – 721 507



DEPARTMENT OF MATHEMATICS
ACADEMIC YEAR: 2020 - 2021

INTERNAL EXAMINATION – 2021
SEM: II SUBJECT: MATHEMATICS PAPER: GE – II T (ALGEBRA)

Full marks: 10

Answer any five questions.

(5×2=10)

1. If $x_j = \cos \theta_j + i \sin \theta_j$, ($j = 1, 2, 3, \dots, n$) show that –

$$x_1 x_2 \dots x_n + \frac{1}{x_1 x_2 \dots x_n} = 2 \cos(\theta_1 + \theta_2 + \dots + \theta_n)$$

2. If α, β, γ be the roots of the equation $x^3 - qx + r = 0$, find the equation whose roots are

$$\left(\frac{1}{\alpha^2} + \frac{1}{\beta^2} - \frac{1}{\gamma^2}\right), \left(\frac{1}{\beta^2} + \frac{1}{\gamma^2} - \frac{1}{\alpha^2}\right), \left(\frac{1}{\gamma^2} + \frac{1}{\alpha^2} - \frac{1}{\beta^2}\right).$$

3. If $A \cup B = A \cup C$ and $A \cap B = A \cap C$ prove that $B = C$.

4. Prove that $2^n - 5^n - 6^n + 9^n$ is divisible by 12 for all $n \in \mathbb{N}$.

5. Determine the rank of the matrix $A = \begin{pmatrix} 1 & 2 & 1 & 0 \\ 2 & 4 & 8 & 6 \\ 3 & 6 & 6 & 3 \end{pmatrix}$.

6. Determine the conditions for which the system of equations has many solutions.

$$x + y + z = b$$

$$2x + y + 3z = b + 1$$

$$5x + 2y + az = b^2$$

7. Use Cayley-Hamilton theorem to find A^{100} , where $A = \begin{pmatrix} 1 & 0 & 0 \\ 1 & 0 & 1 \\ 0 & 1 & 0 \end{pmatrix}$.

8. Find the eigen values and the corresponding eigen vectors of the real matrix $\begin{pmatrix} 1 & 3 \\ 4 & 5 \end{pmatrix}$.

Answer booklets has to emailed to the following address –

jrcmathematics2020@gmail.com

Jhargram Raj College



Internal Assessment
2nd semester Pure Pass
Paper : DSC-1B

Send the answer script at subhadipsau2@gmail.com with 'subject' of the Email as "Paper DSE-1". Please mention your name, Roll Number, Registration Number, Examination etc. both in answer sheet and in email.

Answer any two questions.

[2 × 5 = 10]

1. A unit vector \hat{n} on the $x - y$ plane is at an angle of 120° with respect to \hat{i} . Show that the angle between the vectors $\vec{u} = a\hat{i} + b\hat{n}$ and $\vec{v} = a\hat{n} + b\hat{i}$ will be 60° if $a = 2b$

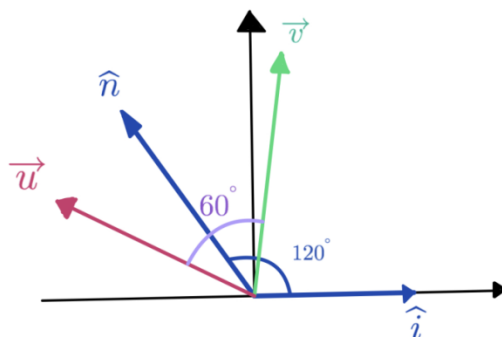


Figure 1: Problem 1

2. Show that the vector perpendicular to the plane $x + y + z = 2$ is $\hat{i} + \hat{j} + \hat{k}$.
3. Show that the direction of $\vec{\nabla}f$ for the scalar field $f(x, y, z) = \frac{1}{2}x^2 - xy + \frac{1}{2}z^2$ is $\frac{-\hat{j} + 2\hat{k}}{\sqrt{5}}$.
4. If $\vec{r} = x\hat{i} + y\hat{j}$ then show that $\vec{\nabla} \cdot \vec{r} = 2$ and $\vec{\nabla}|\vec{r}| = \hat{r}$

JHARGRAM RAJ COLLEGE – DEPARTMENT OF ENGLISH
CBCS Semester IV B.A. (General): Internal Assessment 2021

English – DSC 1DT/2DT: ‘Academic Writing and Composition’

INSTRUCTIONS TO CANDIDATES

1. Please write the following details clearly on the top of your answer script. Please ensure that the information can be read in the PDF:

Name:	Class: CBCS Sem IV (General)
Sem. III University Roll No.	
University Registration Number with year (session)	

2. Email your answer scripts to smt201260@gmail.com. Write ‘ENGLISH – DSC – SEM IV(G) as the ‘Subject’ of the Email.

FULL MARKS: 10

TIME: 1 HOUR

Answer any one of the following questions:

[1x10]

1. What is the purpose of academic writing? Describe any two conventions of academic writing.
2. What are the differences between summarizing and paraphrasing in academic writing?
3. Attempt a critical evaluation of the following poem:

I wandered lonely as a cloud
That floats on high o'er vales and hills,
When all at once I saw a crowd,
A host, of golden daffodils;
Beside the lake, beneath the trees,
Fluttering and dancing in the breeze.

Continuous as the stars that shine
And twinkle on the milky way,
They stretched in never-ending line
Along the margin of a bay:
Ten thousand saw I at a glance,
Tossing their heads in sprightly dance.

The waves beside them danced; but they
Out-did the sparkling waves in glee:
A poet could not but be gay,
In such a jocund company:
I gazed—and gazed—but little thought
What wealth the show to me had brought:

For oft, when on my couch I lie
In vacant or in pensive mood,
They flash upon that inward eye
Which is the bliss of solitude;
And then my heart with pleasure fills,
And dances with the daffodils.

4. What are the essential elements of ‘critical thinking’?
5. Write a summary of the following passage:

During my vacation last May, I had a hard time choosing a tour. Flights to Japan, Hong Kong and Australia are just too common. What I wanted was somewhere exciting and exotic, a place where I could be spared from the holiday tour crowds. I was so happy when Joan called up, suggesting a trip to Cherokee, a county in the state of Oklahoma. I agreed and went off with the preparation immediately.

We took a flight to Cherokee and visited a town called Qualla Boundary. Surrounded by magnificent mountain scenery, the town painted a paradise before us. Despite the language barrier, we managed to find our way to the souvenir shops with the help of the natives. The shops are filled with rubber tomahawks and colorful traditional war bonnets, made of dyed turkey feathers. Tepees, cone-shaped tents made from animal skin, are also pitched near the shops. "Welcome! Want to get anything ?" We looked up and saw a middle-aged man smiling at us. We were very surprised by his fluent English. He introduced himself as George and we ended up chatting till lunch time when he invited us for lunch at a nearby coffee shop.

Internal Exam 2021

Jhargram Raj College

Sem 2 Dsc

Core 3/DSC__1B/essay,drama and novel

Answers must be mailed to smt201260@gmail.com as pdf

Full marks 10

Time 1 hr

Answer any one from the following:

- A) Why did the old man die in The Old Man and the Sea?
- B) How does Narayan criticize the Library movement in A Library Without Books?
- C) What impression do you form of Raina or Bluntschli from your reading of Arms and the Man?
- D) Why does the inspector visit the Birlings?
- E) How does Orwell describe his experience of shooting an elephant?

Internal Assessment, 2021
PHYSIOLOGY – SEM 4 (General)
Paper – DSC-11DT

F.M. – 5 X 2 = 10

Time – ½ hr

Answer any five questions from the following.

- Q. 1. State Muller's law of specific nerve energies.
- Q. 2. Give definitions of anosmia and agcusia.
- Q. 3. What do you mean by Argyll Robertson pupil?
- Q. 4. Give a brief note on colour blindness.
- Q. 5. What is Crista ampullaris? State its function.
- Q. 6. Name the deficiency syndromes of thyroid hormone in children and adults.
- Q. 7. What is the role of Sertoli cells in male reproduction?
- Q. 8. What is ANP? Mention its functions.
- Q. 9. State some of the non-excretory functions of kidney.
- Q. 10. Give a brief note on juxtaglomerular apparatus.

Submit the scanned copy of your answer script to:

srcejitghosh.1986@gmail.com

Internal Assessment, 2021
PHYSIOLOGY – SEM 2 (General)
Paper – DSC 1BT

F.M. – 5 X 2 = 10

Time – ½ hr

Answer any five questions from the following.

F.M. – 5 X 2 = 10

Time – ½ hr

Answer any five questions from the following.

- Q. 1. Briefly discuss any two major functions of blood.
- Q. 2. State to functions of basophil.
- Q. 3. Define anaemia. Mention different types of anaemia.
- Q. 4. What do you mean by major and minor coagulation?
- Q. 5. Define phagocytosis. Give example of phagocytes.
- Q. 6. Give a brief note on AIDS.
- Q. 7. What do you mean by toxins and toxoids?
- Q. 8. State the composition of plasma in short.
- Q. 9. State some of the factors that affect blood pressure.
- Q. 10. Define lung surfactant. Name two principal muscles of respiration.

Submit the scanned copy of your answer script to:

sreejitghosh.1986@gmail.com

Internal Assessment of B.Sc. 6th Semester (Botany Gen.)
Botany Dept., Jhargram Raj College

Paper – DSE 2 (Genetics & Plant Breeding)

F.M. – 10

A. Answer any five (05): - (Each question bears 02 marks)

(2X5 = 10)

1. What is emasculation?
2. Define heterosis.
3. What is back cross?
4. Define polyploidy.
5. Name one physical & one chemical mutagen.
6. Define Euploidy.
7. What is duplication?
8. What is allele?
9. Define coupling and repulsion.
10. Define law of Inheritance.

(N.B. – Answer scripts are to be submitted to the following mail id: - jrcbotany@gmail.com)

Jhargram Raj College
Internal Assessment - 2022
Subject - Political Science
class - 6th Semester (General)
Paper - G.E-2 Full Marks - 10
Time - 30 Minutes

30 Capi.

সেখানে 5 টি প্রশ্নের উত্তর দাও, $2 \times 5 = 10$

1. অস্বাভাবিক জাতিপুঞ্জের দুটি উদাহরণ লেখ,
2. UNESCO - এর মন্ডলন নাম লেখ,
3. UNEP - এর মন্ডলন নাম লেখ,
4. আন্তর্জাতিকভাবে দুটি মন্ত্রণালয়সহী সংগঠনের নাম লেখ,
5. UNHCR - এর মন্ডলন নাম লেখ,
6. Millennium Development Goals কী?
7. জাতিপুঞ্জের বর্তমান সংস্করণের নাম লেখ,
8. বর্তমানের জাতিপুঞ্জের বর্তমান সংস্করণের বর্ণনাটি লিখুন?
9. জাতিপুঞ্জ কী?
10. ILO এর, WHO - এর মন্ডলন দাও, সেখানে বর্ণনা?

mail: polsciencedsc2@gmail.com
polsciencedsc2@gmail.com



Jhargram Raj College
CBCS Internal Assessment 2022
Subject: English (General) Semester-VI/ SEC-4
Paper: Business Communication

Full Marks: 05

Time:30 Minutes

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

1. Write a conversation between a customer and a shop keeper.
2. Write a note on the advantages and disadvantages of written communication.

email: *chhtradharde4@gmail.com*

JHARGRAM RAJ COLLEGE
Internal Assessment, 2022
PHYG – SEM VI

Paper – SEC 4 T (Health Psychology, Physiology of Stress and Stress Management)

F.M. – 5 X 1 = 5

Time – ½ hr

Answer any five questions from the following

1. Name two stress proteins.
2. What do you mean by Resilience?
3. Name two immunological effect of chronic stress.
4. What do you mean by eustress?
5. What is theory of Planned Behaviour (TBP)?
6. Discuss role of health behaviour in pain management.
7. Name two hormones that help in coping stress.
8. Name two methods of stress management.

Submit your answer scripts to jrcphysio246@gmail.com

JHARGRAM RAJ COLLEGE
Internal Assessment, 2022
PHYG – SEM VI

Paper – DSE 1B T (Developmental Aspects of Embryo and foetus)

F.M. – 5 X 2 = 10

Time – ½ hr

Answer any five questions from the following

1. Name the types of cleavage.
2. What do you mean by fertilization?
3. What is blastomeres?
4. Name the poles of blastocyst.
5. Name the layers of trophoblasts.
6. Mention the normal site for implantation.
7. What do you mean by androgen binding proteins?
8. What is the major difference between spermatogenesis and oogenesis?
9. Name the zona protein responsible for sperm binding.
10. What do you mean by stem cell?

Submit your answer scripts to jrcphysio246@gmail.com

ঝাড়গ্রাম রাজ কলেজ
দর্শন বিভাগ

Internal Examination 2022
3rd Semester Philosophy (General)
DSC 1/2 Logic

**উত্তরপত্রে পরীক্ষার্থীর নাম, কলেজ রোলনম্বর ও বিশ্ব বিদ্যালয়ের রেজিস্ট্রেশন
নাম্বার স্পষ্টভাবে উল্লেখ করতে হবে।**

নিম্নলিখিত যে কোন পাঁচটি প্রশ্নের উত্তর দাও।

৫x২= ১০

1. অনুমান বলতে কি বোঝ ?
2. অমাধ্যম অনুমান কাকে বলে ?
3. বচনে রূপান্তর কর-
কবির কদাচিৎ বাস্তববাদী হয়, শিশুরা সরল ।
4. মিশ্র প্রাকল্পিক ন্যায়যুক্তি উদাহরণ সহযোগে ব্যখ্যা কর ।
5. বিরুদ্ধ বিরোধীতার সংজ্ঞা কি ?
6. নিচের বচনটির আবর্তনের বিবর্তন কর ০ঃ
ছাত্ররা উপস্থিত
7. অবৈধ সাধ্য দোষ কাকে বলে ?
8. নিরপেক্ষ ন্যায়ের যে কোন দুটি নিয়ম লেখ ।
9. ভেন চিত্রের সাহায্যে নিম্নের যুক্তির বৈধতা বিচার কর
EAO-3
10. যথার্থ প্রকল্পের মূনদন্ডগুলি কি কি ?



JHARGRAM RAJ COLLEGE

JHARGRAM – 721 507

DEPARTMENT OF MATHEMATICS



INTERNAL EXAMINATION – 2022- 2023
SEM: III SUBJECT: MATHEMATICS PAPER: DSC 1C (REAL ANALYSIS)

Maximum Marks: 10

ANSWER ANY FIVE OF THE FOLLOWING

1. Let $a, b \in R$ and $ab > 0$. Prove that either $a > 0$ and $b > 0$, or $a < 0$ and $b < 0$.
2. Let S be a non – empty subset of R , bounded below and $T = \{-x: x \in S\}$. Prove that the set T is bounded above and $\sup T = -\inf S$.
3. Give an example of a set $S \subset R$ such that the set S is neither open nor closed in R .
4. If S be a non – empty bounded subset of R prove that $\sup S \in \bar{S}$ and $\inf S \in \bar{S}$.
5. Give an example of a sequence of rational numbers that converges to an irrational number.
6. Determine the limit of the sequence $\{x_n\}$ where $x_n = \frac{1}{2+n^2}$.
7. Prove that the following series is convergent –

$$1 - \frac{1}{2} + \frac{1}{3} - \dots \dots \dots$$
8. If $\{x_n\}$ is a sequence of real numbers and $\sum x_n^2$ is convergent, prove that $\sum x_n/n$ is absolutely convergent.

JHARGRAM RAJ COLLEGE
B.A. General Internal Examination 2022 (under CBCS)
1st Semester
HISTORY
Paper: DSC-1A/2A
(Ancient India)
Full Marks: 10
Time: 30 minutes

Answer *any ten* questions:

10x1=10

1. What do you know about the Harappan script?
2. Mention any two Harappan archaeological sites in Gujarat.
3. What do you know about Kalibangan?
4. Mention any one archaeological evidence related to the Harappan religion.
5. Mention two probable causes of the decline of the Harappan culture.
6. Name any four *mahajanpadas* of the sixth century B.C.E.
7. Write a short note: Megasthenes' *Indica*.
8. What are the historical sources for the Maurya period?
9. What was *Dhamma*?
10. Who were the *Dhammamahamatyas*?
11. What are the major historical sources for the Gupta period?
12. What is the significance of Allahabad Prasasti?
13. What is *grahana-moksha-anugraha*?
14. Which Gupta ruler assumed the title of *Shakari* and why?
15. Name the Chinese traveller who came to India during the Gupta period. What is the name of the book authored by him?

Bengali Version

1. হরপ্পীয় লিপি সম্পর্কে কি জানো ?
2. গুজরাতে অবস্থিত দুটি হরপ্পীয় প্রত্নক্ষেত্রের নাম লেখ।
3. কালিবঙ্গান সম্বন্ধে কি জান ?
4. হরপ্পীয় ধর্মের একটি প্রত্নতাত্ত্বিক সাক্ষের উল্লেখ কর।
5. হরপ্পীয় সংস্কৃতির পতনের দুটি সম্ভাব্য কারণ উল্লেখ কর।
6. খ্রীষ্টপূর্ব ষষ্ঠ শতকের যে কোন চারটি মহাজনপদের নাম লেখ।
7. সংক্ষিপ্ত টীকা লেখঃ মেগাস্থিনিসের 'ইন্ডিকা'।
8. মৌর্য যুগের ঐতিহাসিক উপাদানগুলি কি কি ?
9. 'ধম্ম' কি?
10. ধম্মমহামাত্য কারা ছিল?
11. গুপ্ত যুগের প্রধান ঐতিহাসিক উপাদানগুলি কি কি ?
12. এলাহাবাদ প্রস্তির গুরুত্ব কি ?
13. 'গ্রহণ-মোক্ষ-অনুগ্রহ' কি ?
14. 'শকারি' উপাধি কোন গুপ্ত শাসক গ্রহণ করেন এবং কেন ?
15. গুপ্ত যুগে কোন চৈনিক পর্যটক ভারতে আসেন ? তাঁর রচিত গ্রন্থের নাম কি ?

প্রথম যন্ত্রাস সাধারণ বাংলা অন্তর্বর্তী মূল্যায়ন ২০২২

ঝাড়গ্রাম রাজ কলেজ

বাংলা বিভাগ

পূর্ণমান ৫

সময় ৩০ মিনিট

AECC (Elective) - MIL (Bengali)

বাংলা ভাষা প্রসঙ্গ, অনুবাদ ও কথনদক্ষতা

যেকোন একটি প্রশ্নের উত্তর দাও।

৫ X ১ = ৫

(১) ইংরেজি থেকে বাংলায় অনুবাদ করো:

He had left his village without any previous thought or plan. If he had continued there he would have carried on the work of his forefathers—namely, tilling the land, living, marrying and ripening in his cornfield and ancestral home. But that was not to be. He had to leave home without telling anyone, and he could not rest till he left it behind a couple of hundred miles. To a villager it is a great deal, as if an ocean flowed between.

(২) বাংলা থেকে ইংরেজিতে অনুবাদ করো:

বাংলা ভাষায় বিজ্ঞানচর্চার ক্ষেত্রে সত্যেন্দ্রনাথ বসুর অমূল্য অবদান রয়েছে। তাঁর নেতৃত্বে কলকাতায় ১৯৪৮ খ্রিষ্টাব্দে বঙ্গীয় বিজ্ঞান পরিষদ গঠিত হয়। এই পরিষদের মুখপাত্র হিসাবে বাংলা ভাষার বিজ্ঞান পত্রিকা 'জ্ঞান ও বিজ্ঞান' প্রকাশিত হয়। ১৯৬৩ খ্রিষ্টাব্দে 'জ্ঞান ও বিজ্ঞান'-এ কেবলমাত্র মৌলিক গবেষণা নিবন্ধ নিয়ে 'রাজশেখর বসু সংখ্যা' প্রকাশ করে তিনি দেখান, বাংলা ভাষায় বিজ্ঞান বিষয়ক মৌল নিবন্ধ রচনা করা সম্ভব।

Department of Botany
Jhargram Raj College
B.Sc. General (Semester -I)
Internal Assessment- 2022-2023
Sub- Botany (GE); Paper: GE 1T

• **Answer any five of the following questions** **Time 30 min: 2×5=10**

1. What is virulent phage?
2. What is plasmid?
3. Write the pigment composition of brown algae.
4. What is cystocarp? Where it is found?
5. What is mushroom? Give an example of it.
6. What are amphibians of the plant kingdom?
7. What is heterospory? Where it is found?
8. Write the scientific name of two antibiotic producing organisms?

Department of Botany
Jhargram Raj College
B.Sc. General (Semester -I)
Internal Assessment- 2022-2023
Sub- Botany (GE); Paper: GE 1T

• **Answer any five of the following questions** **Time 30 min: 2×5=10**

9. What is virulent phage?
10. What is plasmid?
11. Write the pigment composition of brown algae.
12. What is cystocarp? Where it is found?
13. What is mushroom? Give an example of it.
14. What are amphibians of the plant kingdom?
15. What is heterospory? Where it is found?
16. Write the scientific name of two antibiotic producing organisms?

JHARGRAM RAJ COLLEGE

Department of History

B.A. Honours Internal Examination 2022 (under CBCS)

3rd Semester

Paper: CC-5

(Delhi Sultanate)

Full Marks: 10

Time: 1 Hour

Answer **any one** question: [*Write within 1000 words*]

10x1=10

1. What do you mean by Historiography? Discuss the importance of literary sources in writing the history of the Delhi Sultanate.
2. How did Iltutmish consolidate his empire in the face of external and internal difficulties?
3. Was the Delhi Sultanate a theocratic state? Justify your answer.
4. Give an account of the agrarian production system during the Delhi Sultanate.
5. Analyze the causes of conflict between the Vijaynagara and Bahamani kingdoms.
6. Discuss the salient features of Sultanate Architecture.

JHARGRAM RAJ COLLEGE

Department of History

B.A. Honours Internal Examination 2022 (under CBCS)

3rd Semester

Paper: CC- 6

(The Feudal Society)

Full Marks: 10

Time: 1 Hour

Answer **any one** question: [*Write within 1000 words*]

10x1=10

1. Critically explain the Charlemagne debate.
2. Write a note on the Treaty of Verdun.
3. Discuss the features of the Cluniac Reform Movement.
4. Critically analyze the economic features of Feudalism.
5. How do you link “Chivalry” with “Romanticism”? Answer critically.
6. How do you explain the impact of the emergence of towns on Feudalism?
7. Discuss the various barbarian invasions in medieval Europe. Explain its impact on European society, religion and economy.

Jhargram Raj Collge

Department of Physics
Internal Assessment 2022
Third Semester Physics (Core Course) CBCS
Paper-CC-12T (Solid State Physics)
Full Marks -10

Attempt any **five** questions.

[5X2 = 10 Marks]

1. Show that for a simple cubic lattice $d_{100} : d_{110} : d_{111} = \sqrt{6} : \sqrt{3} : \sqrt{2}$ where d_{hkl} is the separation between the adjacent (hkl) parallel planes.
2. The density of bcc iron is 7.9 g/cm^3 and its atomic weight is 56. Calculate the length of the side of the cubic unit cell and its nearest neighbor distance.
3. The first order (100) reflection angle is 18° for a cubic crystal using X-rays of wavelength 1.54 \AA . Determine the distance between the (100) planes and the (111) planes of the crystal.
4. Explain different kinds of magnetism in solid with example.
5. What is paramagnetic Curie temperature?
6. Calculate the molar diamagnetic susceptibility of atomic hydrogen.
7. Apply Hund's rule to the ground state of a) Eu^{3+} b) Yb^{3+} c) Tb^{3+} .

Instructions:

Email the soft copy of your answer script to subhasreepradhan89@gmail.com by 5 pm 10.01.2022. Mention your name, roll no and subject code on top of the answer sheet and also in the subject of the mail.

ঝাড়গাম রাজ কলেজ

দর্শন বিভাগ

Semester VI (Honours)

CC13 (Nayaya Logic & Epistemology II)

পূর্ণ মান: 10

উত্তরপত্র Name, College Roll Number, Registration Number with year অবশ্যই
উল্লেখ করতে হবে।

নিচের প্রশ্নগুলোর যেকোনো পাঁচটির উত্তর দাও। $5 \times 2 = 10$

১. তর্কসংগ্রহ অনুসারে অনুমতির লক্ষণ দাও।
২. ব্যাপ্তির প্রকৃতি অনুসারে অনুমান কয়টি ও কি কি?
৩. সদ হেতুর বৈশিষ্ট্য গুলি কি কি?
- ৪ 'পর্বত: ধুমবান বহে' - এই অনুমতির পাঁচটি অবয়ব নির্ণয় করে দেখাও।
৫. বিরুদ্ধ হেত্বাভাস উদাহরণ সহ লেখ।
৬. হেত্বাভাস নির্ণয় কর।
' শব্দ নিত্য শব্দত্বাৎ'
৭. একটি উদাহরণ সহ অর্থাপত্তি প্রমাণ বুঝিয়ে লেখ।
৮. স্বত:প্রামাণ্যবাদ কাকে বলে?
৯. আকাজ্জা বলতে কি বোঝ?
১০. বাক্যার্থবোধের কারণগুলি লেখ।

Jhargram Raj College
Department of Botany
B.Sc. Hons. (Semester -III)
Internal Assessment- 2023
Paper: C5 T
Anatomy of Angiosperms

F.M. – 10

Time 30 min

- **Answer any five of the following questions** **2×5=10**
- 1. Define bordered pits.
- 2. What are the anomocytic stomata? Give an example.
- 3. How amphivasal vascular bundle differs from amphicribal vascular bundle?
- 4. What is quiescent centre?
- 5. Write the significance of periderm.
- 6. What is Spring wood?
- 7. Define tyloses.
- 8. Elaborate the differences between cystolith and lithocyst.

Jhargram Raj College
Department of Botany
B.Sc. Hons. (Semester -III)
Internal Assessment- 2023
Paper: C5 T
Anatomy of Angiosperms

F.M. – 10

Time 30 min

- **Answer any five of the following questions** **2×5=10**
- 1. Define bordered pits.
- 2. What are the anomocytic stomata? Give an example.
- 3. How amphivasal vascular bundle differs from amphicribal vascular bundle?
- 4. What is quiescent centre?
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- 8. Elaborate the differences between cystolith and lithocyst.