

### **Criterion 2 – Teaching-Learning and Evaluation**

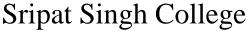
2.5 Evaluation Process and Reforms

2.5.1 Mechanism of internal/external assessment is transparent and the grievance redressal system is time-bound and efficient



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#### **DOCUMENTS**

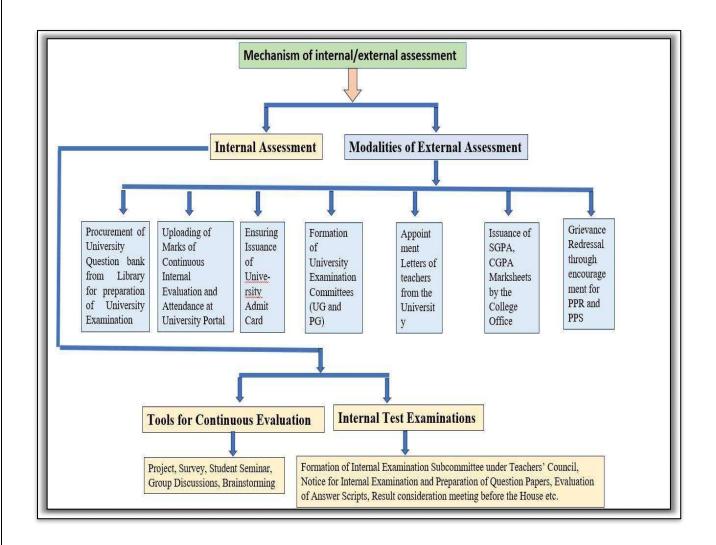
Sl. No.	Contents
1.	Internal Assessment
	o Tools for Continuous Evaluation
	✓ Project
	✓ Survey
	✓ Student Seminar
	✓ Group Discussions
	o Internal Test Examinations
	✓ Formation of Internal Examination Subcommittee under Teachers' Council
	✓ Notice for Internal Examination and Preparation of Question Papers
	✓ Sample copy Attendance Sheet of the Internal Examinations Evaluated Answer
	Scripts
	✓ Result consideration meeting before the House
	✓ Display of Marks/ Result on Departmental Notice Boards to maintain
	transparency
	✓ Parent-Teacher meeting
	✓ Arrangements of Online Examination
2.	Modalities of External Assessment
	Procurement of University Question bank from Library for preparation of
	University Examination
	Uploading of Marks of Continuous Internal Evaluation and Attendance at  Livingsity Postal
	<ul><li>University Portal</li><li>Ensuring Issuance of University Admit Card</li></ul>
	Appointment Letters of teachers from the University
	Issuance of SGPA, CGPA Marksheets by the College Office



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Mechanism of internal/external assessment



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#### **Internal Assessment**

#### **PROJECT**



# Water quality monitoring of surface water body in Berhampore Area

Dissertation submitted for partial fulfillment of B.SC in environmental science, 2023

Submitted by

#### Himadri Mondal





ROLL NO:-2116247 NO:-2077950

REGISTRATION NO:-07/7492 OF:- 2020-2021

SEMESTER: - 6th SEMESTER (Dissertation)

SUBJECT:-ENVIRONMENTAL SCIENCE (HONS)

Pedebilo

Principal Snpat Singh College Jiaganj, Murshidabad



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Department Of Molecular Biology Biotechnology Sripat Singh College Jiaganj, Murshidabad

#### Sample Certificate

Dr. Abhishek Basu, Ph.D.
Head and Assistant Professor
Dept. of Molecular Biology & Biotechnology
Sripat Singh College, Jiagan), M5D

DR. KAMAL KRISHNA SARKA

Principal

Snpat Singh College Jiaganj, Murshidabad

> DR. KAMAL KRISHNA SARKA Principal

Snpat Singh College Jiaganj, Murshidabad



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### SRIPAT SINGH COLLEGE

Jiaganj, Murshidabad, West Bengal

#### Faculty of science

Department of Environmental science

#### **CERTIFICATE**

This is to certify that Himadri Mandal has worked on a dissertation entitled "Water quality monitoring in Berhampore area of surface water body". For the partial fulfilment of his B.Sc. degree in Environmental Science during the academic session 2020-2021 from Sripat SinghCollege.

Date: 09/08/2023

Rakesh Pal

(Head of the department)

DR. KAMAL KRISHNA SARK Principal Snipat Singh College Snipat Singh College



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#### CERTIFICATE

This is to certify that this project has been made by Nikita Ghosh of Sripat Singh College, department of Zoology on "EDUCATIONAL TOUR TO GORUMARA NATIONAL PARK" under my guidance and have been completed it successfully.

Mr. Uttam Ghosh

Mrs. Sunita Hansda

Mr. Avishek Bagdi

Sripat Singh College

Mr. Sajal Dey

HEAD OF THE

DEPERTMENT (ZOOLOGY)

SRIPAT SINGH COLLEGE

DR. KAMAL KRISHNA SARK Principal Stepat Singh College Jaganj, Murshdabad



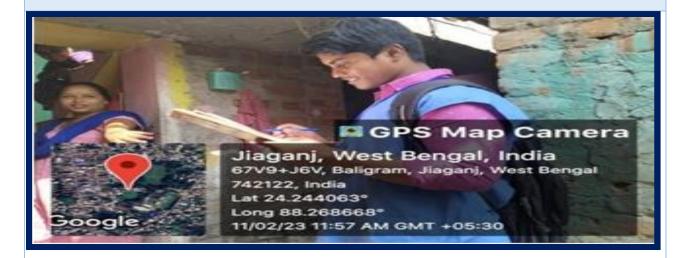
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#### Survey







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#### Student Seminar







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#### **Group Discussions**







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#### **Internal Test Examinations**

### Feedback form to evaluate attainment of the program & course outcome

Semester:	Î		
Subject: PH	YSICS		
Course:	૭- (		
1. Percentage of the	syllabus covered in t	he class	
A. 81%-100%	B. 81%-60%	C. 61%-40%	D. Below 40%
2. Internal assesmen	nt process was fare an	d transparent	
A. Srongly agree	.B. Agree	C. Partially agree	D. Disagree
3. Tutorials/ Project	ts works had been pro	vided adequately	
A. Srongly agree	.B. Agree	C. Partially agree	D. Disagree
4. How far was the	teacher prepared for t	he course?	
A. Excellent	B. Good	C. Average	D. Poor
<ol><li>Student centric m methodologies etc)</li></ol>	nethods (experiential l were adopted to enric	earning, participative le h learning experience.	arning, problem solving
A. Srongly agree	B. Agree	C. Partially agree	D. Disagree
<ol><li>On completion, the expectations during</li></ol>	he course delivered kr enrollment.	nowledge and skill enha	incement as per student's
A. Srongly agree	B. Agree	C. Partially agree	D. Disagree
7. After completion field	of the course how cor	nfident are you to persu	e higher studies in your respective
A. Very confident	B. Confident	. Somewhat confid	ent D. Not confident at all
8. The course helped	d you to gain better en	nployability	
A. Srongly agree	B. Agree	C. Partially agree	D. Disagree



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Sripat Singh College Internal Examination, 2023 Course code- PHY-H-DSE-T-03 (Nanomaterials and Applications)

Full Marks: 20

1. Answer any four question:

 $2.5 \times 4 = 10$ 

- (a) How can you classify nanomaterials based upon their dimension? Give an example of one-dimensional nanomaterials.
- (b) Show a qualitative plot of density of state of 0D, 1D, 2D, and 3D nanostructures as a function of energy.
- (c) What are the main causes behind modified properties of the nanomaterials compared to bulk materials?
- (d) What are top-down and bottom up method of synthesis of nanomaterials?
- (e) What are the main advantages and disadvantages of photolithography?
- 2. Write a short note on 'Quantum wire' or 'Tunneling Effect' or 'Density of states of nanoscale materials'.
- 3. Write a short note on 'photolithography' or 'e-beam evaporation' or 'MOCVD'.

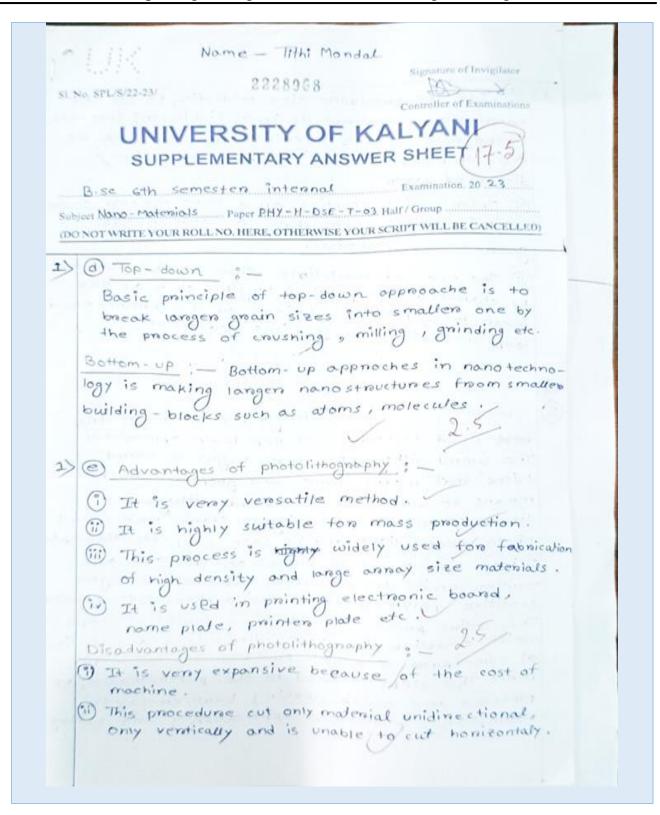
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Internal Examination 2021 P-1 SRIPAT SINGH COLLEGE 154 COMBAH-CC- OL Peg. 030280 1) Botanical ganden Botanical ganden and conservative institute withen under the government on under any private company on person which conserve endangerd plant spices in ex situ manner and also studies on the properties uses of such endangered plant species . Ex - Achanyo Jagadish chandra Bose, Botanical ganden Kolkata. 1) Two economic importance of gymnosperm 1 Among zymnospenms there are species of eyeas sp. which are used for building houses, funnitures e. + e. because of their hand and strong 11) Use of tember Some spone of gymnospenm and condius /3p and are used on opnaments flaks.



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#### **Notice for Internal Examination and Preparation of Question Papers**



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Website- www.sripatsinghcollege.org
Email- ssscollege2009@gmail.com

**Department of Environmental Science** 

Date- 29/05/2024

#### NOTICE

It is notified to all concerned students that an internal examination of 6<sup>th</sup> Semester will held on 3 rd June, 2024 at Room No.-N-24, Deptt. of Environmental Science of this College. All students are requested to present on that day for internal assessment. The examination will be of one hour duration from 12:00 noon & maximum twenty marks as Full marks.

Principal

Dr. Kamal Krishna Sarkar

DR. KAMAL KRISHNA SARKAR Principal

Principal
Sripat Singh College
Jianani, Murshidabad

HOD Sri Amitava Kar Deptt. Of Env.Sc

Deptt. of ENV. SC. Sripat Singh College Jiaganj, Murshidabad

COLLEGE \* CSW ON SING NAME OF S



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#### Sample copy Attendance Sheet of the Internal Examinations Evaluated Answer Scripts

	Sripat Singh Co	llege
	Department of Bot	tany
	4 <sup>th</sup> Semester assessment Exa	mination, 2021
	Subject: Botany Hor	HOURS
	Paper: CC-T-09	
	FULL MARKS-10	1
SLND	NAME	MARKS OBTAINED
1	TOUFIX AHAMMED	10
2	BODHISWATTWA CHAKRABORTY	10
3	RITTIK MONDAL	10
4	AMLAYAN KR DAS	09
5	SAMIM BISWAS	10
6	AMIT KR PRAMARIE	10
7.	BASEL SHAH	10
8	SURGIT MONDAL	10
9	PRITAM MONDAL	10
30	JAKIYA MOMTAJ	09
11	AYAN GHOSH	10
12	SAMIUL ALIM	10
13	NAMEATA HALDER	50
14	JESMINARA HASANAT	50
15	AMINUR ISLAM	30
16	KHAIRUNNESHA KHATUN	09
17	SUIATA GHOSH	10
18	SONALI KHATUN	10
19	MASUMA KHATUN	30
20	ARIF HASNAT	09
21	NAMRATA SARKAR	10

		Department of Botany Sripat Singh College
	£2.5	er assessment Examination,
	54	ubject: Botany Honours
		Paper: DSE-T-03
		FULL MARKS-10
SL NO	NAME	MARKS OBTAINED
1	Baby Mondal	08
2	Chandana Mondal	07
3	Mou Pal	10
4	Purba Sadhu	07
5	Roji Biswas	10
6	Sabnam Tuhina	10
7	Samima Sultana	10
B	Sangita Mondal	09
9	Shipra Mondal	OB
10	Sunita Saha	10
11	Susmita Das	10
12	Aniruddha Mondal	10
13	Faruk E Jamil	80
14	Indranil Chakraborty	10
15	Md Tony Saikh	8.5=9
16	Muklesur Rahaman	10
17	Partha Roy	10
18	Pratik Das	10
19	Rahul Singha	08
20	Santanu Das	10
21	Sayed Imtiajuddin Mondal	10
22	Souvik Mondal	08
23	Sudip Mandal	09
43	Sudip Manual	

	100	Department of Botany	
		Sripat Singh College	
	1th Semestr	er assessment Examination,	2020
		ubject: Botany Honours	
		Paper: CC-T-12	
		FULL MARKS-10	
SL NO	NAME	MARKS OBTAINED	
1	Baby Mondal	08	
2	Chandana Mondal	4.1	
3	Mou Pal	09	
4	Purba Sadhu		
5	Riji Biswas	10	
6	Sabnam Tuhina	10	
7	Samima Sultana	10	
8	Sangita Mondal	09	
9	Shipra Mondal	8.5	
10	Sunita Saha	9.5=10	
11	Susmita Das	9.5=10	
12	Aniruddha Mondal	10	
13	Faruk E Jamil	09	
14	Indranii Chakraborty	9.5=10	
15	Md Tony Saikh	8.5	
16	Muklesur Rahaman	10	
17	Partha Roy	10	
18	Pratik Das	10	
19	Rahul Singha	09	
50	Santanu Das	10	
21	Sayed Imtiajuddin Mondal	10	
55	Souvik Mondal	O8	
23	Sudip Mandal	10	

SLAG	NAME	CD54								
		internal	interdance	total	Internal	attendance	total	DSE-CE		
1	ABEDIA SULTANA	100	4	54	3.5	4	-	Internal	attendance	tripl
2	ANTAKA HALDER	18	5	15	45	5	7.5-08	4.5	4.	tit.
3	DISHA MONDAL	10	4	14	05	4	30	00	5	34
4	HEA KHATUN	10	4	14	05	4	09	09	4	23:
5	SHA CHARRABORTY	30	4	14	75	4	09	08	4	12
5	KANKA DAS	A8	AS	48	AR	AB	12	10	4	18
7	RISHA MONDAL	30	1	13	65	1	AB.	48	AB	All
	SANIA ZAMAN	20	5	15	9.5	5	10	08	1	11
9	SMRITI BALDYA	20	5	15	07		15	10	5	5
10	ABHIC BISWAS	64	4	08	45	4	14	08	4	32
13	ANGHINA MANDAL	06	3	09	5.5	17.	09	09	4	33
12	DEMANSHU BISWAS	25	1	08	14.00	3	05	96	3	09
13	NORONE MUNICIPAL	68	5	08	3.5	3	0.7	08	3	11
54	KOUSHIX ROY	ES	3	06	05	5	10	09	8	14
25	MOJORISH ALLHOQUE	06		-	02	3	15	04	3	61
16	RAVE MONDAL	06	5	11	06	5	II	10	5	25
17	SANTURALL	-	5	15	06	5	11.	09	5	14
	SATIRALT MONDAL	07	5	12	5.5	5	12	9.5	15	155
	and the same of th	01	4	05	2.5	3	06	07	1	30
	SOUMENDU DAS	06	4	10	2.5	3	06	04	4	08
_	SOUMIKHALDER	27	5	12	05	5	10	10	5	15
	SOUMITRA MONDAL	06	5	33	5.5	5	11	09	5	24
	MANOS MANDAL	20	4	54	7.5	4	111	10	4	18
3 1	NAMALK MOLLIK	06	3	09	02	3	65	06	3	05
						-	100	1.44		109



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ROLL NO.	SIGNATURE
812147-2379266	Aishi Adhikari
8121247-2379282	Antarca Dutta
8121247-2370295	asousha Sankcor
8121247-2379300	Brikish Amina
8121247-2379 313	Derlina Roy
8121247-2379313	Devline Ray
8121247-2379336	Jahida Khatun
8121247-2379340	Jebun Nesha.
8121247-2379343	Jesmina Khatun.
8121247-2379366	Manisha Mandal
6121247-2379385	Nahida Parvin
8121249 - 2379391	Nangish Sultana Hasar
8121247-2375419	Dialita Basans
8121297-2379424	Puja Mardal
8121247-2379491	Rita Khatun
8121247-2379504	Soumita Bixxas
8121247 - 2379511	Sujata mandaj
8121247 - 2379516	Sum Ha mondal
8121247-2379534	Tumpa Knatyn. Abdulla Sulafi
8121247-2379591	Abdulla Salafi



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	PAT SINGH COL	
		INATION 2022
col	JRSE CODE HC	C-t-04
	INTERNAL	
ROLL NO.	REG NO.	TOTAL MARKS
112247-2188943	91631	
2188950	91632	8
2188953	91633	6
2188964	91637	5
2188973	91636	5
2188980	91638	5
2188984	91640	5
2188986	91641	5
2189000	91643	AR THE SECOND
2189006	91644	6
2189010	91645	9
2189015	91647	5
2189047	91654	10
2189053	91655	4
2189067	91657	5
2189088	91659	5
2189129	91663	7
2189138	91665	8
2189142	91667	8



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#### Display of Marks/Result on Departmental Notice Boards to maintain transparency

Sripat Singh College
Jiaganj, Murshidabad
Department of Political Science
Dissertation paper /Project Work
Session -2022-23

In accordance with the CBCS syllabus, students in the 6<sup>th</sup> semester, session: 2022- 2023, of the Political Science department, Sripat Singh College, have completed their dissertations covering a range of topics, with individual guidance provided by their respective instructors. Below are the details of the students alongside the names of their designated guiding teachers.

#### Guide teacher: Dr. Abdul Kader Ahmmed, Associate Professor, Department of Political

S.L.	NAME	REGN. NO.	SESSION	ROLL	MARKS	TOPIC
NO.				NO.		
1.	Gaffar Sk	075859	2022-2023	3116247- 2077673	41	India Bangladesh relations
2.	Arpita Sarkar	075830	2022- 2023	3116247- 2077402	44	Right to education
3.	Sachidananda Sardar	075873	2022-2023	3116247- 2077758	42	Indian Parliament
4.	Souvik Mandal	075876	2022- 2023	3116247- 2077788	44	Indian foreign policy
5.	Srimanita Mandol	075877	2022- 2023	3116247- 2077789	42	Indian judicial system
6.	Richik Bagchi	081909	2022- 2023	3116247- 2077743	45	SAARC is it relevant today

#### Science

Details of the students:

Guide teacher: **Dr. Shibu Paul, Assistant Professor**, Department of Political Science Details of the students:

S.L.	NAME	REGN.NO.	SESSION	ROLL	MARKS	TOPIC	
NO.				NO.			
1.	Beauty Khatun	075831	2022-2023	3116247-	39	Functions	of
	.500			2077410		election	



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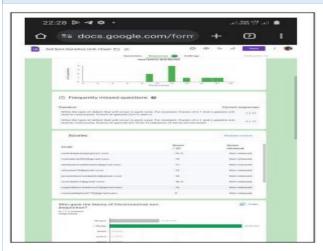
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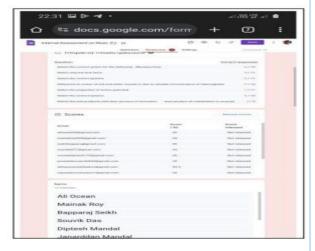
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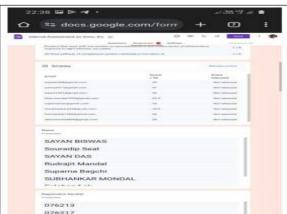


#### **Arrangements of Online Examination**











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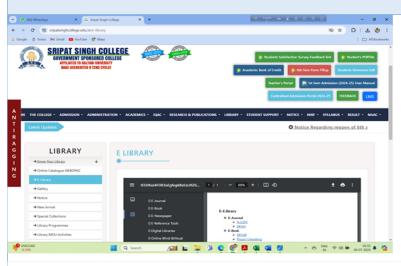
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#### **Modalities of External Assessment**

#### Procurement of University Question bank from Library for preparation of University Examination





#### UG/6th Sem/BOT-H-CC-T-14/22

#### U.G. 6th Semester Examination-2022

- their own words as far as practicable.

  Answer any five of the following questions: 2×5=10
  a) What are chemostat and turbidostat?
  b) What is colony hybridization?
  c) Mention the sources of psy and ctrl genes used to produce the Golden Rice.
  d) What technique is used to screen a transgenic plant after a successful direct gene transfer?
  e) How does shuttle vector differ from YAC vector in gene cloning?
  f) What are Protoplast and Spheroplast?
  g) What is the role of agarose in Plant Molecular Biology?
  h) What is somaclonal variation? What do you mean by embryo rescue?

442/Chem UG/4th Sem/CHEM-H-CC-T-8/22

U.G. 4th Semester Examination - 2022 CHEMISTRY

Full Marks: 40 Time: 2½ Hours
The figures in the right-hand margin indicate marks.
Candidates are required to give their answers in their
own words as far as practicable.

- Answer any **five** from the following questions:  $2 \times 5 = 10$ 
  - a) Give one example each of positive and negative deviations from Raoult's law.
  - Give one specific example where transference number of an ion becomes negative.
  - What do you mean by EMF of a cell? Name the method by which EMF of a cell is measured.
  - d) What is the difference between wave function

  - $\psi$  and  $\psi^2$ ? What is the substitution of hydrogen electrodes for determination of pH of a solution using calomel as a reference electrode?

- 2. Answer any two of the following questions
  - 5×2=10

    a) Write a short note on micropropagation. 5

    b) What are oligonucleotide primers? How does you design primer for PCR? 2+3

    c) How T-DNA complex is generated?— Discuss with suitable diagram. 5

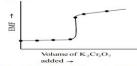
  - with suitable diagram.

    Name the tools of recombinant DNA technology.
    Write a note on restriction enzymes.
    3+2
    wer the following questions:
    10+2=20
    What is androgenesis? Schematically illustrate
    the in vitro procedure of androgenesis. What
    are artificial seeds? How it can be prepared?
    Mention advantages of it over natural seeds.

    1+5+1+2+1=10
  - What do you mean by border sequences in T-DNA? What are the advantages of microprojectile bombardment method over microinjection method for gene transfer in plants? Give a short note for development of transgenic plant in herbicide resistance. What is the genetic constitution of Ml3 phagemia?

726/Bot

- What is quinhydrone? How it is used as an electrode?
- electrode? Answer any two from the following questions:  $5 \times 2 = 10$ 
  - What is Potentiometry? When Mohr salt solution in acid medium is titrated with K2Cr2O solution potentiometrically the nature of graph is as follows:



Justify briefly the nature of graph including sharp change which occurs. 1+4=5

sharp change when occurs. What is salt-bridge? What is its importance and how it is prepared in the laboratory? How it is preserved in the laboratory?  $+(1\frac{1}{2}+1\frac{1}{2})+1=5$ 

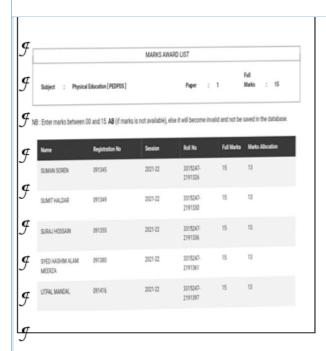


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# Appointment Letters of teachers from the University

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DOLH at Physics.	S. Z. COLLO &
Cond Cough College.	MSD.
Jugany Warshidabad 742123. Decice (Fons)	Dear Sir/Madam,
Dear Sir/Madam, Purity 1921	Thave the honour to inform you that you have been appointed an Examise in Phys. (6)
1 have the honour to inform you that you have been appointed an farm for the	G1 24 G1 24 LATO: Examination, 20 2.3
Paper - PHY- H- DSE-1-01) (MSD ZONE)	I desire to draw your special attention to the following provision in the University Regulations:-
Dear Sir/Madam.  Dear S	Examiners are required to keep the results of the Examinations and the marks assigned to
I desire to draw your special attention to the following provision in the University regard to Examiners are required to keep the results of the Examinations and the marks assigned to	candidates strictly secret.
candidates strictly secret.	If you are approached by or on behalf of any particular candidate to divulge his/her result or do
eandidates strictly secret.  If you are approached by or on behalf of any particular candidate to divulge his/her result or do  If you are approached by or on behalf of any particular candidate to divulge his/her result or toport.	anything else of an unfair nature in connection with his/her Examination, you are requested to report the matter immediately to the undersigned stating the Roll and Number of the candidate concerned.
anything else of an unfair nature in connection the Poll and Number of the candidate concerned	The Vice-Chancellor desires to add that these directions should be strictly followed, and any
The Vice Chancellor desires to add that these directions should be an add that these	violation thereof will be taken serious notice of by them.
	If any Examiner fails to complete the work assigned to him/her within the period fixed in this
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