


2.2.1. The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners

A. Examinations taken for beginners for identification of weak and slow learners:



TARADEVI HARAKHCHAND KANKARIA JAIN COLLEGE
NAAC Accredited B+ College
(Govt. approved Minority Institution run under the auspices of Shree S.S. Jain Sabha)
Affiliated to University of Calcutta
6, Ram Gopal Ghosh Road, Cossipore, Kolkata -700002
DEPARTMENT OF GEOGRAPHY
Initial Class Test (based on previous knowledge)
Semester 1

Date Roll No..... Name

All questions are compulsory.

1. The total number of meridians at one degree interval drawn on the globe is - (1)
(a) 180 (b) 360 (c) 361 (d) 181

2. What is 'Great Circle'? (2)

3. Draw and label the followings (4)
Prime Meridian, 90 degree north parallel, Tropic of Capricorn, zero degree parallel

4. For 1 degree longitude difference time difference is _____ . (1)

5. The accurate shape of the earth is - (1)
(a) round (b) spherical (c) elliptical (d) oblate spheroid

6. If we go eastward from the Prime Meridian time will be - (1)
(a) ahead of (b) behind (c) same

B. Continuous internal assessment through class tests (both offline and online):

i. Offline class-test

Sem 4 Class test-SD MADAM

Topic: Plasmid-CC8-Unit 2 F.M.= 15 Time= 45 mins Date: 16th April 2022

Q1. State true or false. Give reasons for your answer. [2x3]

- i. Two plasmids who can co-exist together belong to the same Inc group.
- ii. YEP plasmids are very low copy number plasmids.
- iii. The plasmids RP4 and RSF1010 are narrow host range plasmids.

Q2. Describe the binary-vector strategy of Ti plasmid. [3]

Q3. Define Col plasmids and Degradative plasmids with example. [2+2]

Q4. Define iterons and its importance. [1+1]

T.H.K. Jain College Dept. of Microbiology Semester – IV Class Test: CC-10TH [NH]
F.M.:- 20 Time: 45 min

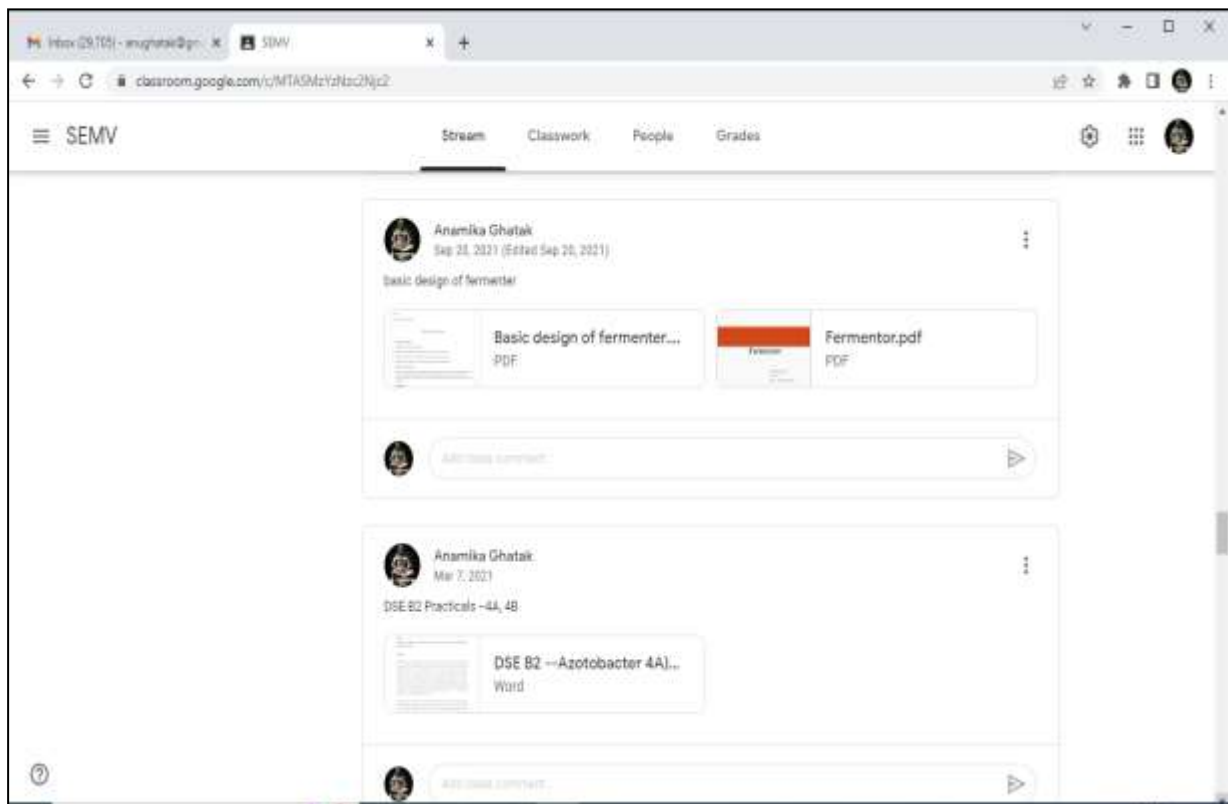
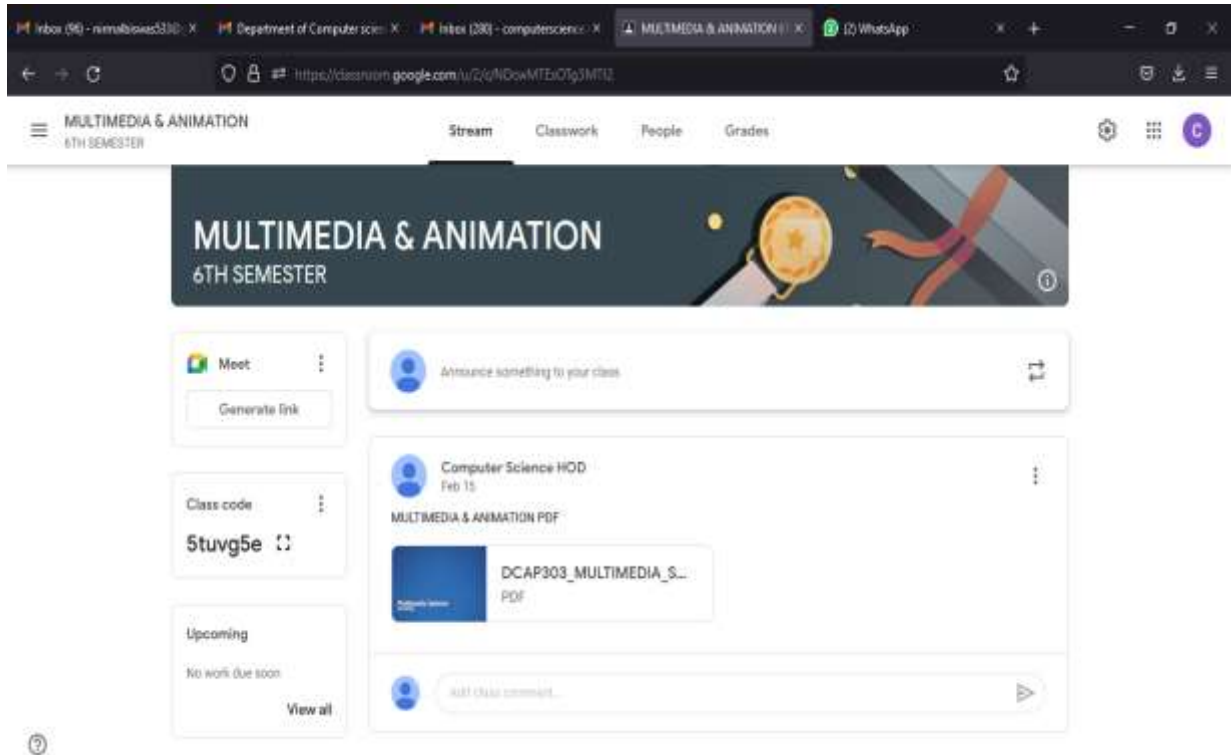
1. Explain how linkers and adaptors help in the cloning of inserts in any vector. [3]
2. What is "alpha-complementation" and how it helps to identify a true recombinant clone. [3]
 OR How is blue white screening helpful in identifying recombinant cell.
3. Which type of restriction endonucleases are used in RDT and why? [2]
4. Blunt end ligations are difficult to perform. How can you convert blunt ends of an insert to sticky ends? [3]
5. Name the two antibiotic resistance genes present in pBR322 vector. [1]
6. What are isoschizomers and neoschizomers? Give examples. [3]
7. Give an example of restriction enzyme that produces— (i) 5' overhang and (ii) 3' overhang. Mention the overhangs they generate. [3]
8. Name the plasmids from where we have constructed pBR322. [2]

ii. Online Class-test

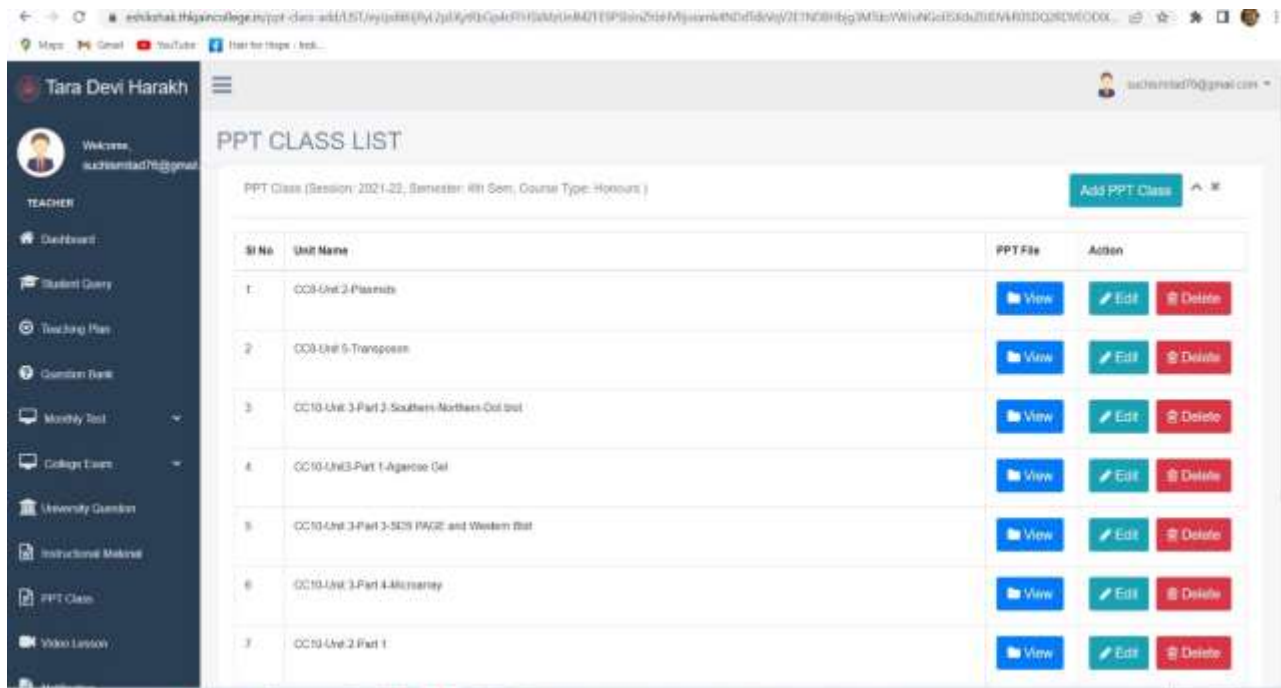
The screenshot shows a Google Sheet with the following data:

Timestamp	Email Address	Score	Name	Class roll no.	Which scanner has lesse
10/10/2020 11:21:54	sutapapaul927@gamil.cc	4 / 20	Sutapa Paul	1716	Along Track
10/10/2020 11:22:35	hkrohan72@gmail.com	14 / 20	Hasan kamil Rohan	1710	Across track
10/10/2020 11:23:45	ankitabiswas93045@gm	10 / 20	Ankita Mercia Biswas	1711	Across track
10/10/2020 11:23:48	debanjanahalder1161@c	12 / 20	Debanjana Halder	1717	Across track
10/10/2020 11:23:49	bhattacharyaromit16@gr	12 / 20	Romit Bhattacharya	1715	Across track
10/10/2020 11:25:28	ishikad623@gmail.com	8 / 20	Ishika Das	1722	Along Track
10/10/2020 11:25:46	rajnandinishaw96@gmai	6 / 20	Rajnandini Shaw	1706	Across track
10/10/2020 11:26:15	pbiswas1312@gmail.com	10 / 20	PUJA BISWAS	1714	Along Track
10/10/2020 11:26:21	duttashaswati1999@gm	10 / 20	Shaswati Dutta	1709	Along Track
10/10/2020 11:26:25	sayanitaguha99@gmail.t	14 / 20	Sayanita Guha	1713	Across track
10/10/2020 11:26:45	raysubhu237@gmail.com	10 / 20	Subhadra ray	1701	Across track
10/10/2020 11:27:58	arkomalty1@gmail.com	8 / 20	ARKA MAITY	1708	Along Track
10/10/2020 11:28:33	brockshekharlesnarchat	20 / 20	shekhar chatterjee	1725	Across track

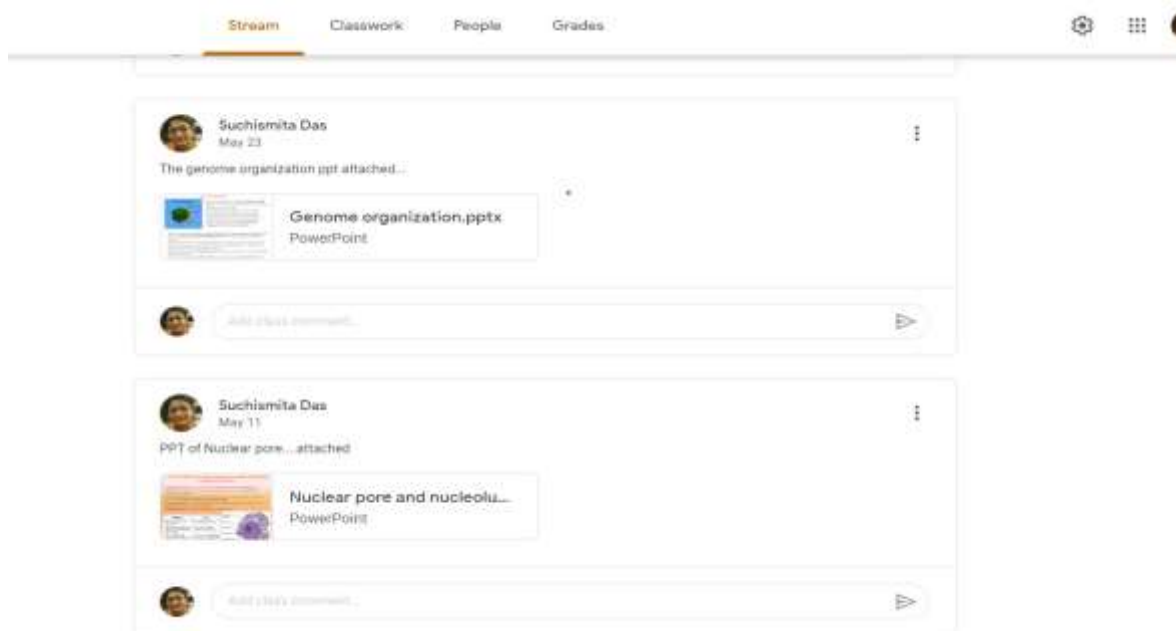
C. Study materials uploaded in Google classroom:



D. Sharing of PowerPoint presentations through LMS



E. Sharing of PowerPoint presentations:



F. Various Activities for Advanced and Weak learners:

Sr. No.	Name/type of activity	Date	Organizing Department/Unit
1	Online Lecture session on 'Industry as a career option for Life Science'	2 nd July, 2021	Microbiology
2	Online lecture session on 'Analysis and Interpretation of Financial Statement'	9 th July, 2021	Commerce
3	Online lecture session on 'Career Prospects'	10 th July, 2021	Geography

	of Studying Geography with Geospatial Techniques’		
4	Celebration of International Microorganism Day	17 th Sept, 2021	Microbiology
5	Cookie Baking Programme: Students baked protein-rich, nutritious supplementary cookies for small, local children	30 th Nov, 2021	Food & Nutrition
6	A Student Sensitization Programme on challenges related to terminal illness (cancer) was conducted. A teaser of the film “Before You Die” was shown to the students	8 th Dec, 2021	Journalism & Mass Communication
7	Observance of 125 th Birth Anniversary of Netaji Subhas Chandra Bose; an E-quiz for teachers and students	23 rd Jan, 2022	Political Science and NSS
8	Lecture Session on ‘The Indian Constitution and Women Empowerment ‘	26 th Jan, 2022	History and NSS
9	Students’ Power Point Presentation Competition	17 th -18 th Feb, 2022	Chemistry
10	Observance of ‘International Mother Language Day’. Students from various departments performed on recitation, elocution, short story, songs, musical instruments like guitar, short drama etc.	21 st Feb, 2022	English, Bengali, Hindi
11	Celebration of 36 th National Science Day: Power Point Presentation and Quiz Competition for the students.	28 th Feb, 2022	Microbiology, Zoology, Botany and Food & Nutrition
12	Poster Exhibition on World Wildlife Day	3 rd March, 2022	Zoology
13	Lecture session on “Economic Empowerment of Women: Rising Trend of Female Entrepreneurs in India”	8 th March, 2022	Womens’ Cell
14	Visit to: i. Kolkata Book Fair ii. Indian Museum iii. Sunderbans, West Bengal iv. Industry visit to Banglar Dairy v. Industry visit to Banglar Dairy vi. Industry visit to Textile Industry vii. Kaziranga National Park viii. NHSM Knowledge campus ix. Department of Electrical	11 th March, 2 nd April, 2022 24 th -27 th March, 2022 7 th June, 2022 8 th June, 2022 12 th April, 2022 25 th -29 th April, 2022 4 th May, 2022 11 th May, 2022	English History Botany Food & Nutrition Microbiology BBA Zoology Food & Nutrition Computer Science

	Engineering and Centre of Excellence in AI, IIT Kharagpur x. Excursion to Mawlynnong-Asia's cleanest village	5 th -12 th May, 2022	Journalism & Mass Communication
15	Food-festival: i. Food Mania ii. Food-Otsav	7 th April, 2022 3 rd June, 2022	Microbiology Food & nutrition
16	CV writing workshop	21 st April, 2022	English & BBA
17	Essay Writing Competition on the 161 st Birth Anniversary of Rabindranath Tagore	9 th May, 2022	Bengali, Hindi, English
18	Hands on Training: i. On Cytology ii. Plasmid DNA Isolation	6 th May, 2022 18 th May, 2022	Botany Microbiology
19	Model competition Quiz, Debate & extempore competition Quiz & Debate competition	10 th May, 2022 28 th -31 st May, 2022 9 th June, 2022	Microbiology Commerce Microbiology
20	Lecture session on 'Women's Health, Hygiene and Nutrition during Young Adulthood'	21 st May, 2022	Political Science and Womens' Cell
21	Alumnus Meet: Interaction of pass-out students with the current students	17 th July 2022 22 nd Feb and 11 th March 2022	Microbiology Journalism & Mass Communication
22	Student Exchange program (with students of Vidyasagar College for Women)	17 th and 28 th June, 2022	Journalism & Mass Communication & Film Studies
23	Delights and Designs-Exhibition cum Sale	11 th June, 2022	Commerce, Political Science and Alumni Association

Glimpses of activities for slow and advanced learners

Industrial visit, excursions and educational tours



Special inter-departmental Practical classes



Model Presentation by students



Quiz/Debate Organized for students





Oral Presentations by students



Lecture sessions by Invited speakers for students



Special events: 'Food-Mania' and 'Food-Otsav'



Delights and Designs-Exhibition cum Sale -by Alumni Association



Sports and Cultural Fest (ZEST)



G. Students: learning at the library



H. Parent-teachers' meeting:

Offline and Online mode

