Assignments/Class Tests

2020-2021

Netaji Nagar Day College

Department of Electronics

Class Test of 1st Semester, 2021.

Time: 40 minutes | Full Marks: 20

Answer any two: $10\times2=20$

1.
   a) What is extrinsic semiconductor?
   b) What do you mean by conductivity and mobility of a semiconductor?
   c) What is called transition region in a p – n junction diode?
   d) What is the effect of temp on V – I characteristics of a p – n diode?
   e) Draw the energy band diagram of an n – type extrinsic semiconductor.

2.
a) Explain the difference between metal, semiconductor and insulator using energy band diagram.
b) Write down the Shockley's equation for a p –n junction diode. Draw the energy band diagrams of a p-type and n-type semiconductor.

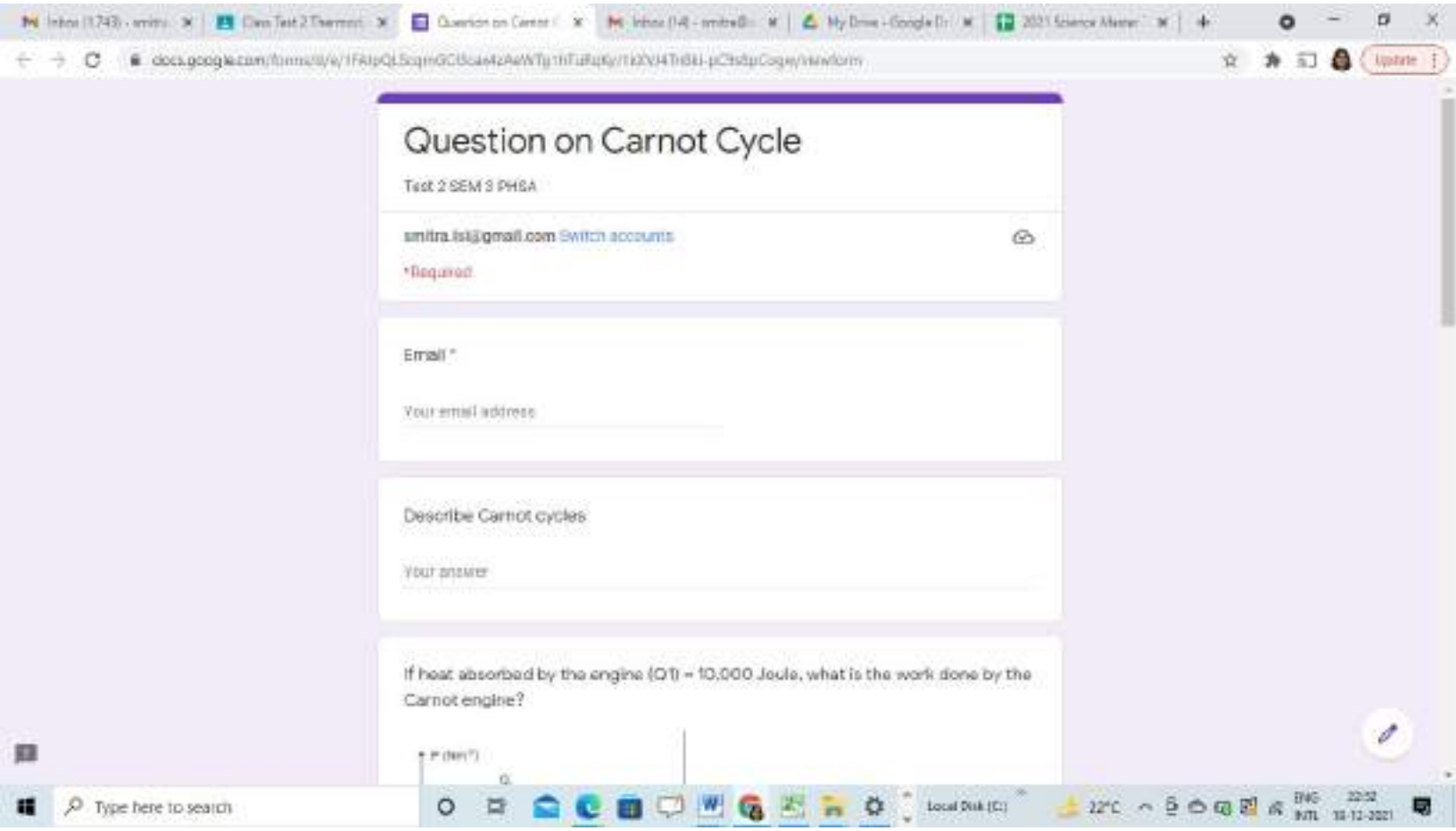
$[4+(2+2+2)=10]$

3.
a) What do you mean by rectification? Draw the circuit diagram of a full wave rectifier and explain the operation the circuit.
b) What is the PIV of a rectifier circuit?

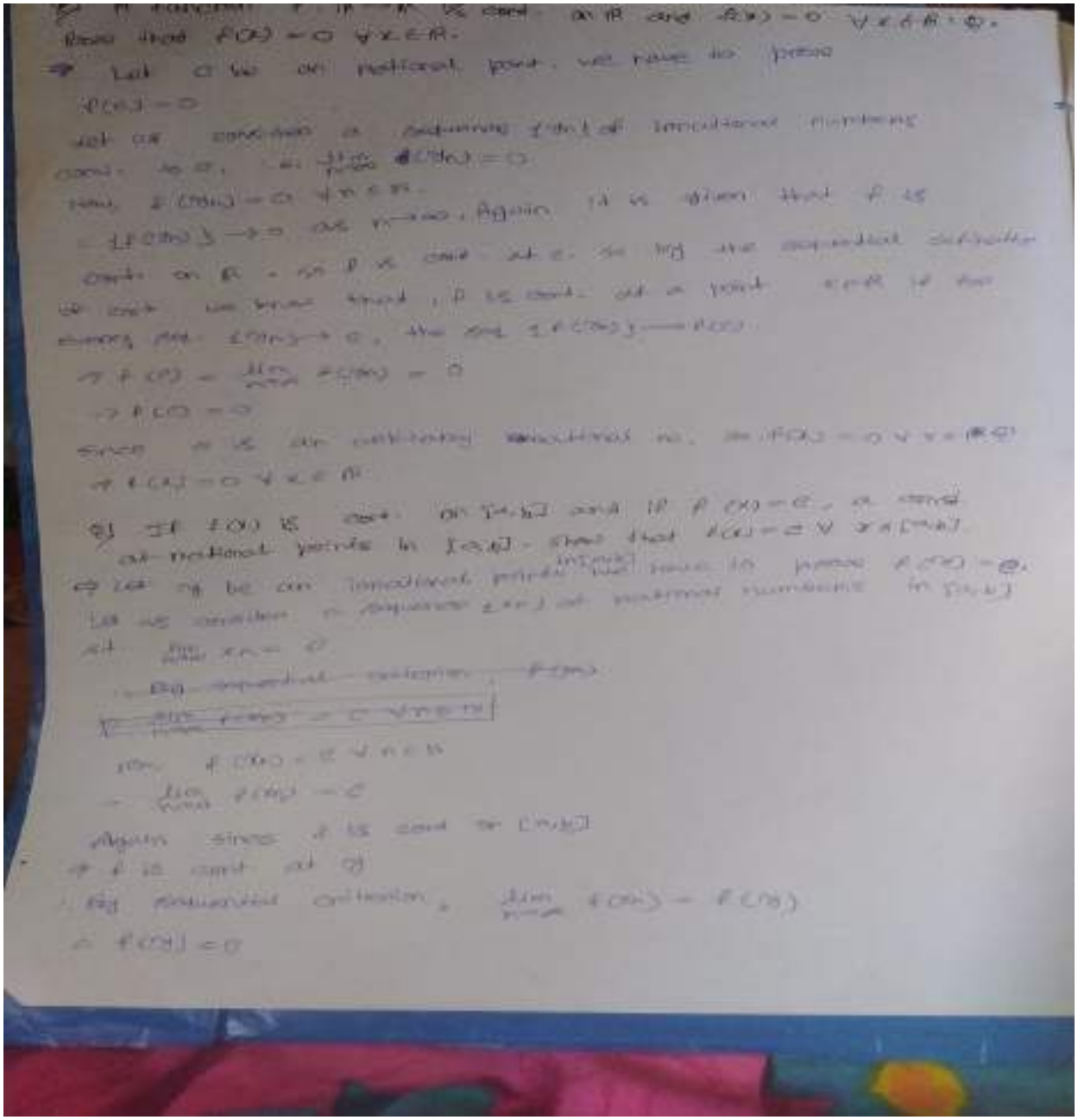
$[(2+2+4)+2=10]$

Assignments

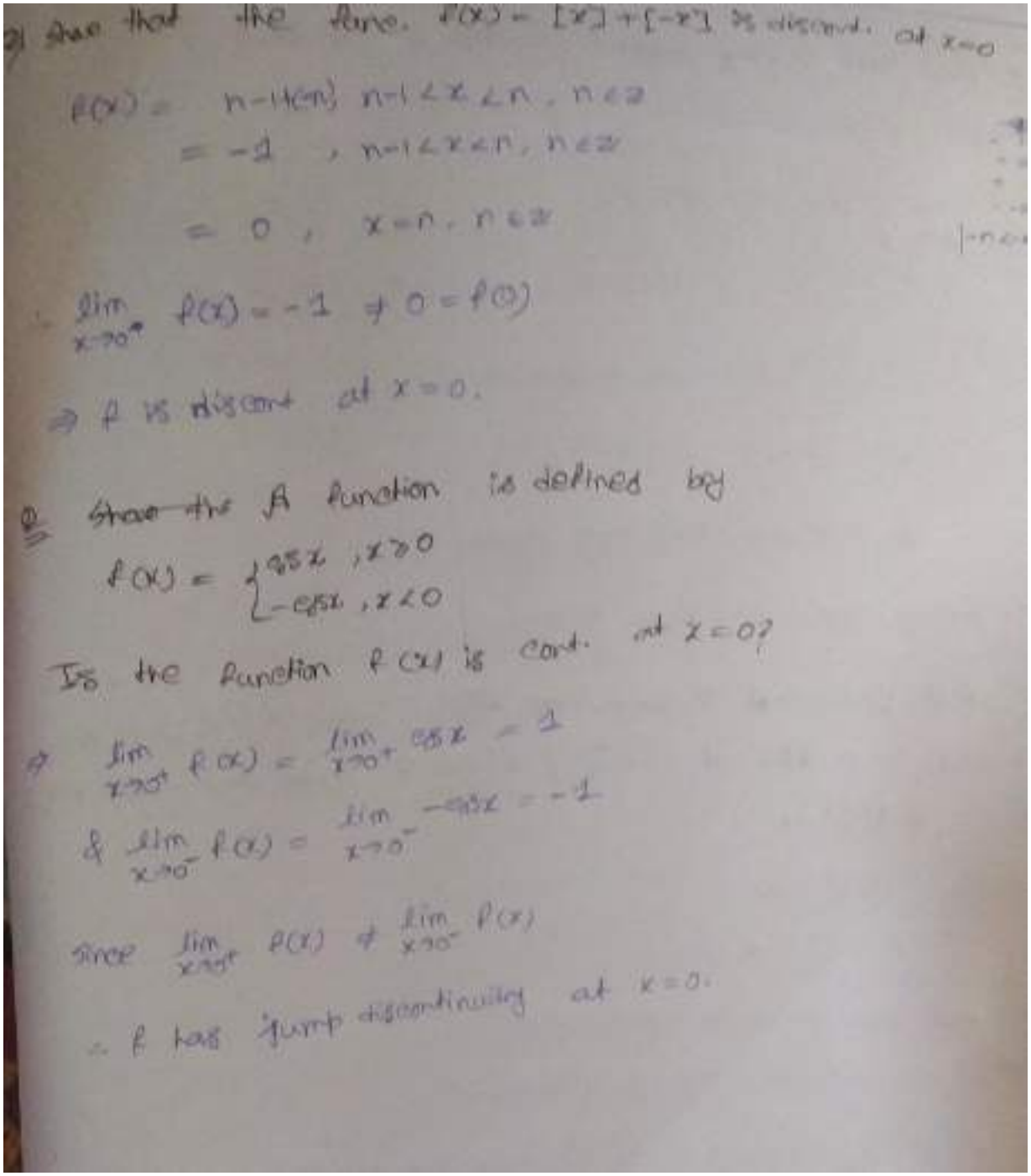
Class Test_PHSA



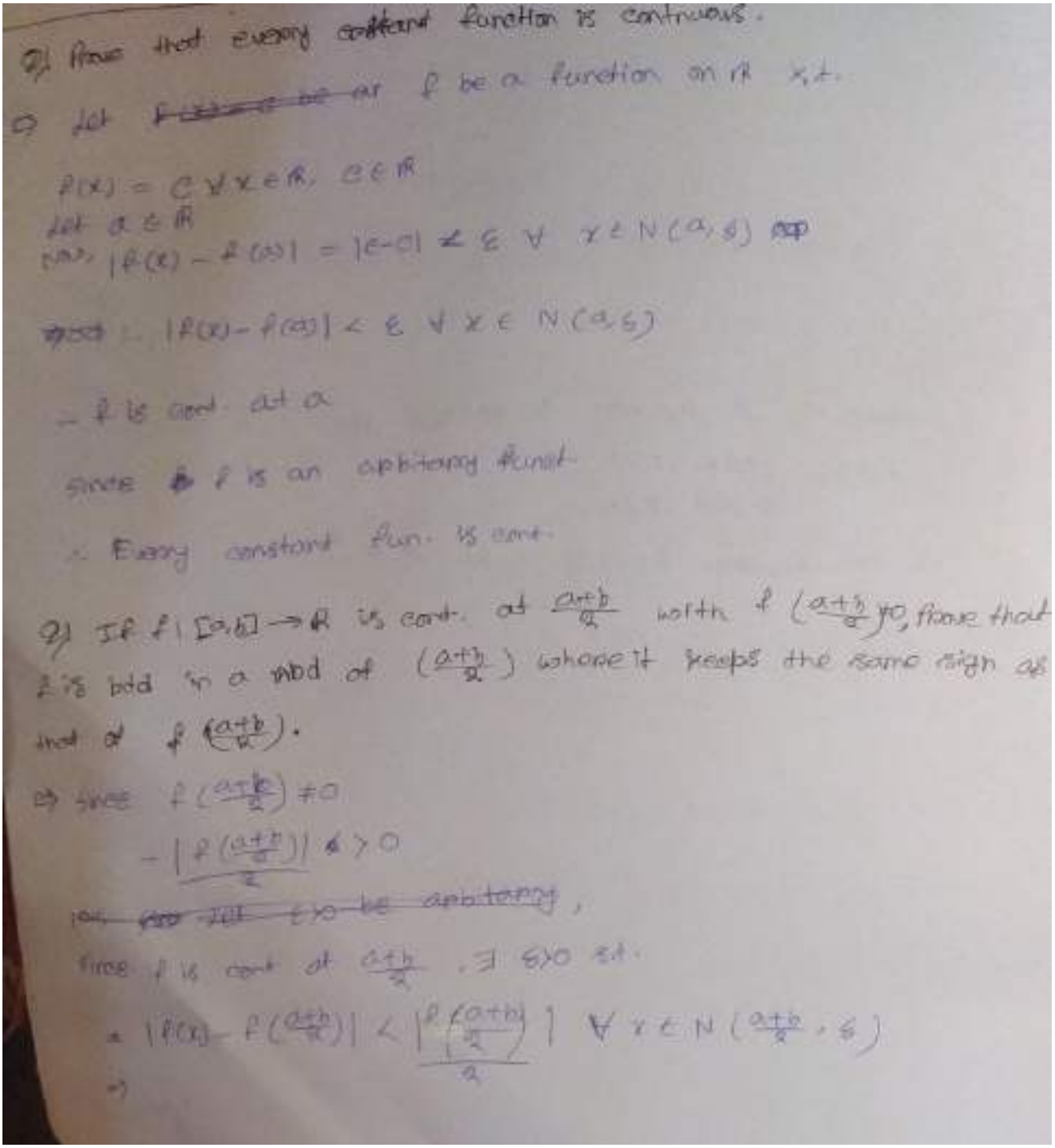
Assignments -Mathematics



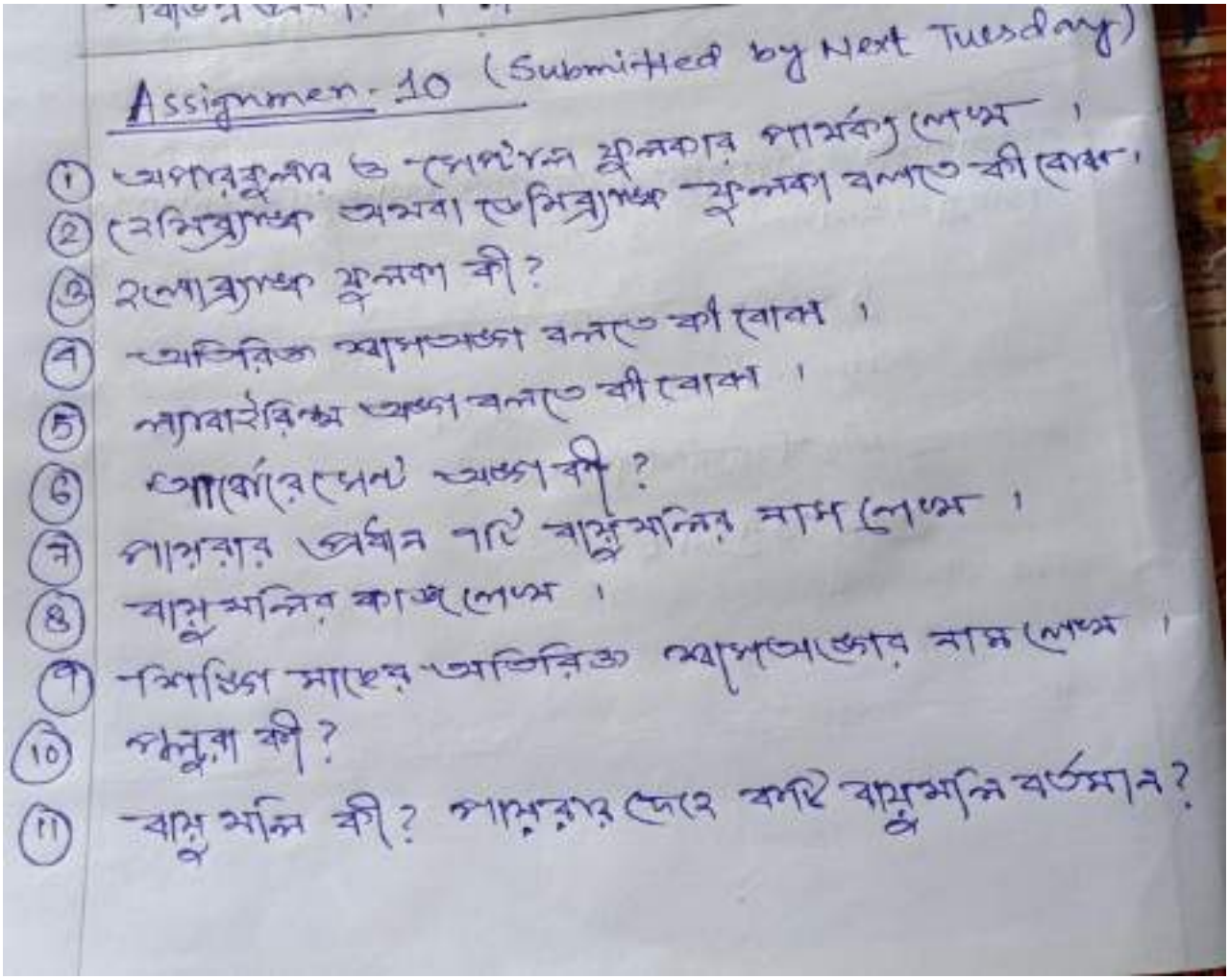
Assignments -Mathematics



Assignments -Mathematics



Assignments-Zoology



Assignment: 10 (Submitted by Next Tuesday)

(1) অপারকুলার ও নন-অপারকুলার ফুলকার পার্থক্য লেখ।
(2) হেমিব্র্যাঙ্ক অথবা ডিমিব্র্যাঙ্ক ফুলকা বলতে কী বোঝ।
(3) হলোব্র্যাঙ্ক ফুলকা কী?
(4) অতিরিক্ত শ্বাসঅঙ্গ বলতে কী বোঝ।
(5) লাবারিন্থ অঙ্গ বলতে কী বোঝা।
(6) আর্বোরেসেন্ট অঙ্গ কী?
(7) পাখরার ভক্ষিত নটি বায়ুথলির নাম লেখ।
(8) বায়ুথলির কাজ লেখ।
(9) শিঙিগা মাছের অতিরিক্ত শ্বাসঅঙ্গের নাম লেখ।
(10) পালুরা কী?
(11) বায়ুথলি কী? পাখরার কোন কটি বায়ুথলি বর্তমান?

Assignment

Math Hons (Sem 2)

Real Analysis

Answer these questions:

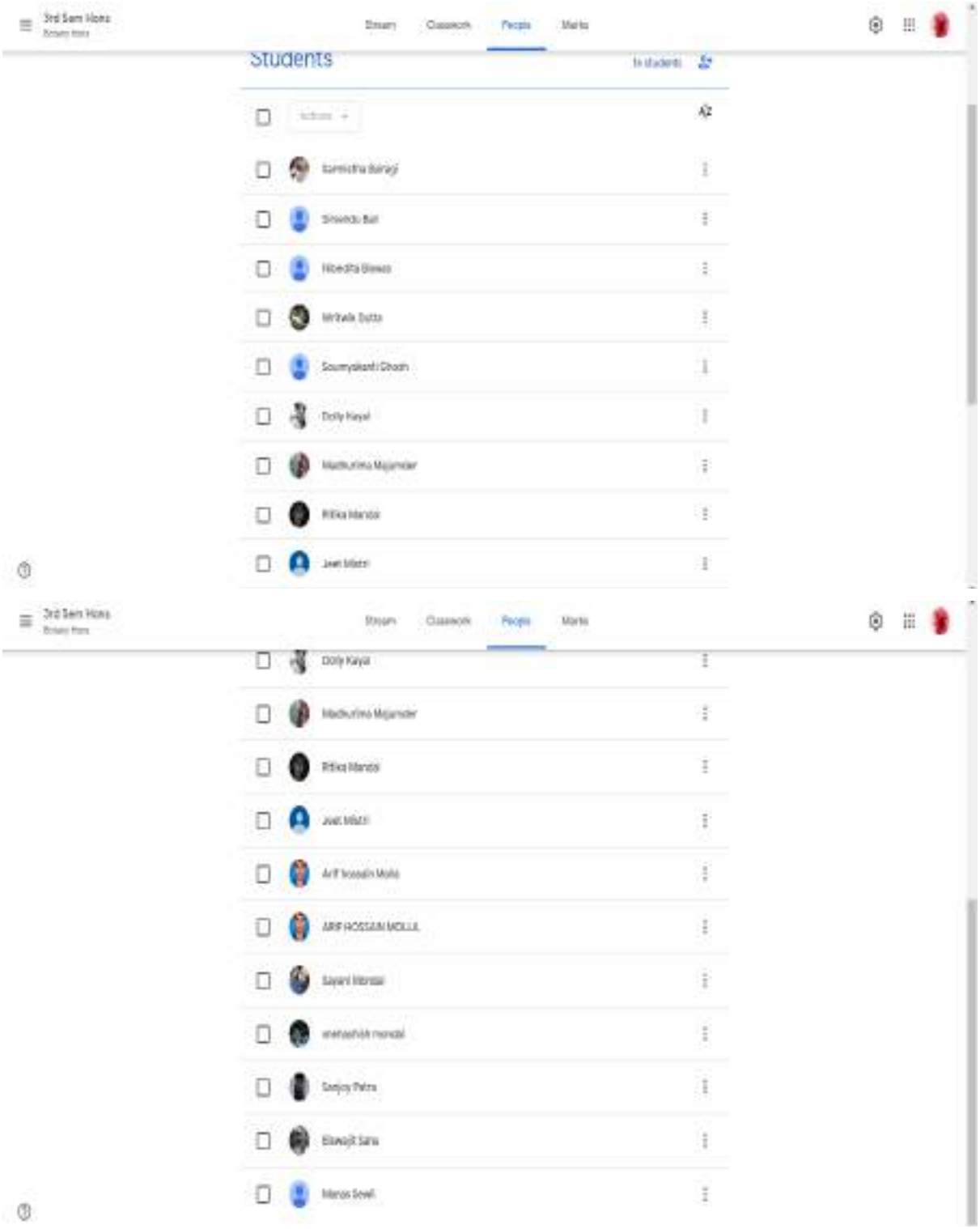
1. Give an example of an unbounded sequence with two subsequences one of which is convergent and other is divergent.

2. Give examples of two non-convergent sequences $\{x_n\}$ and $\{y_n\}$ such that the sequence $\{x_n y_n\}$ is convergent.

3. State the Archimedean Property of R and prove it.
4. If $\lim_{n\to\infty}(b_n - a_n) = 0$, find $\lim_{n\to\infty}\frac{a_n}{b_n}$ where $b_n > 1$ for all n.
5. Justify the statement: "Every interior point of a subset of R is its limit point".
6. Prove that a Cauchy sequence is bounded. Is the converse true? Justify your answer.
7. Prove or disprove: $\lim_{x\to 0}\frac{1}{e^{1/x}+1}$ exists.

Screenshots of Classroom

(Dr. Bhumika Pradhan, Assistant Professor, Dept. of Botany)



Class code
n5256qq

Upcoming

No work due in soon

View all

Announce something to your class

B. Pradhan
20 Jul

These are some of the questions on bryophytes. You all also try to solve questions from book, old question papers etc.

Questions on Bryophyte p...
PDF

Questions.docx
Word

Add class comment

B. Pradhan
15 Jul

Refer books also

Class code eoletvp
Subject Plant Biotechnology

Class code
eoletvp

Upcoming

No work due in soon

View all

Announce something to your class

B. Pradhan
21 Jul

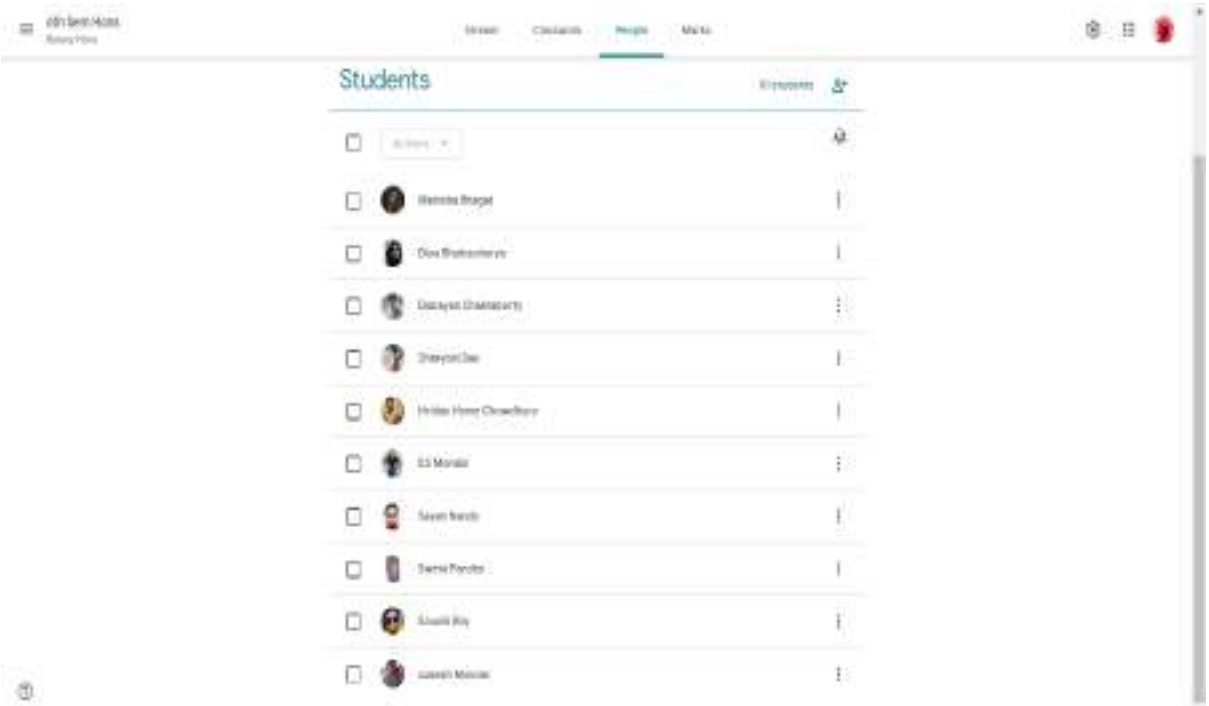
Reference notes for Research Methodology paper (2, 4, 6 topic number

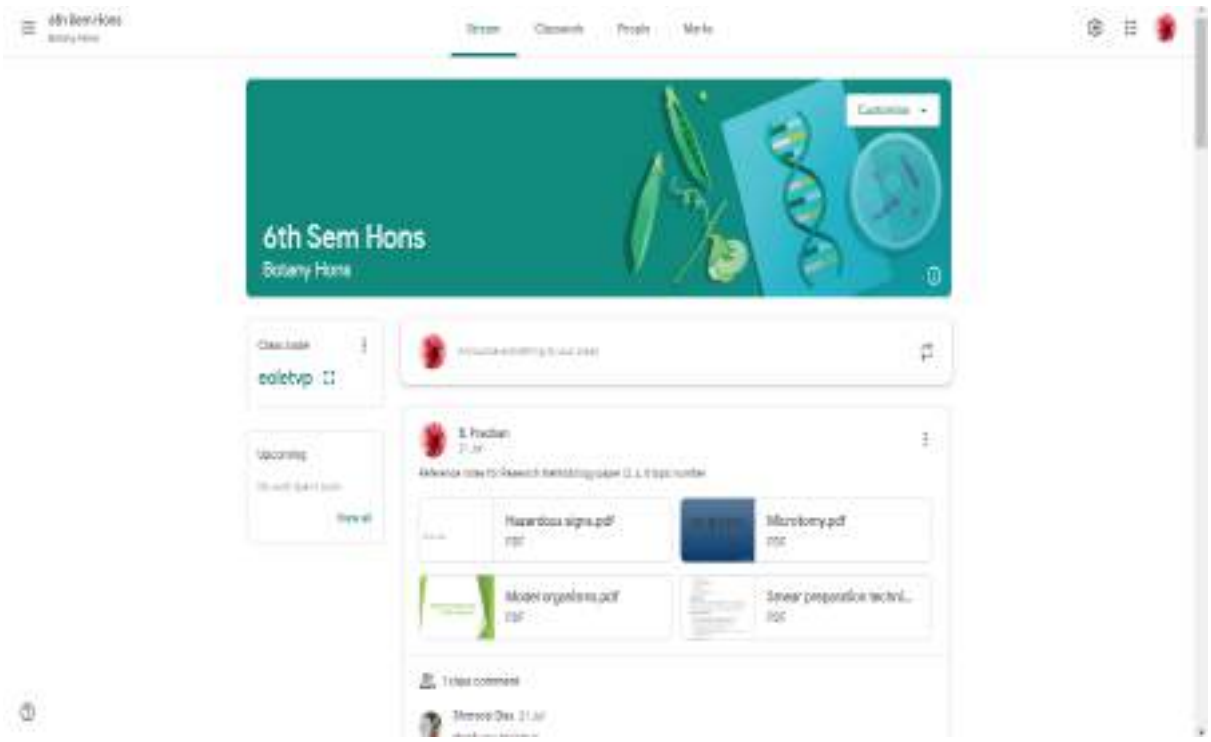
Hazardous signs.pdf
PDF

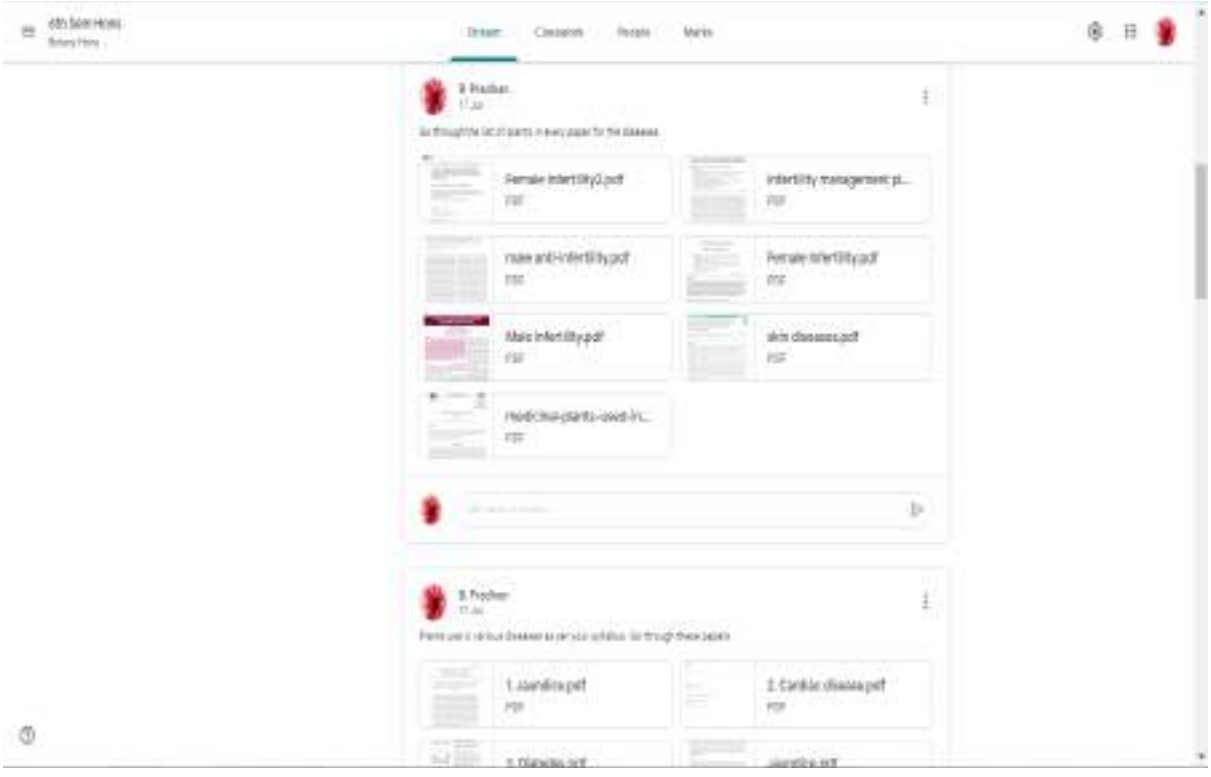
Microtomy.pdf
PDF

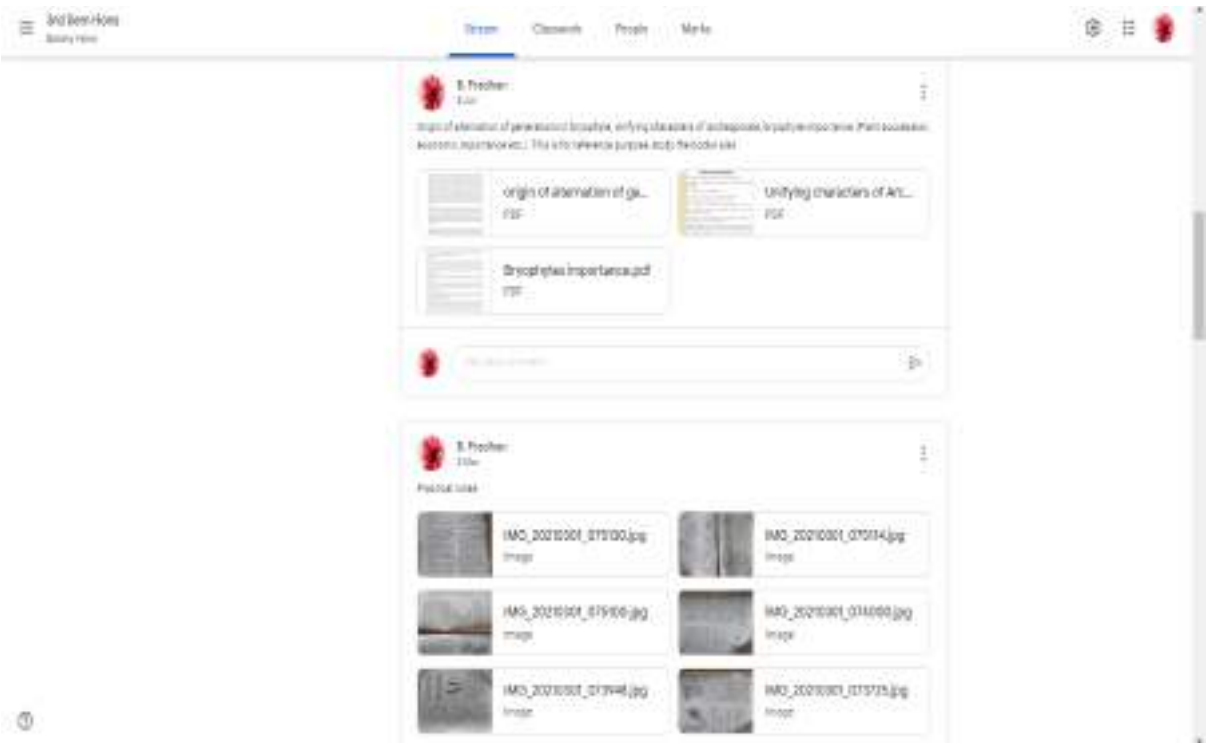
Model organisms.pdf
PDF

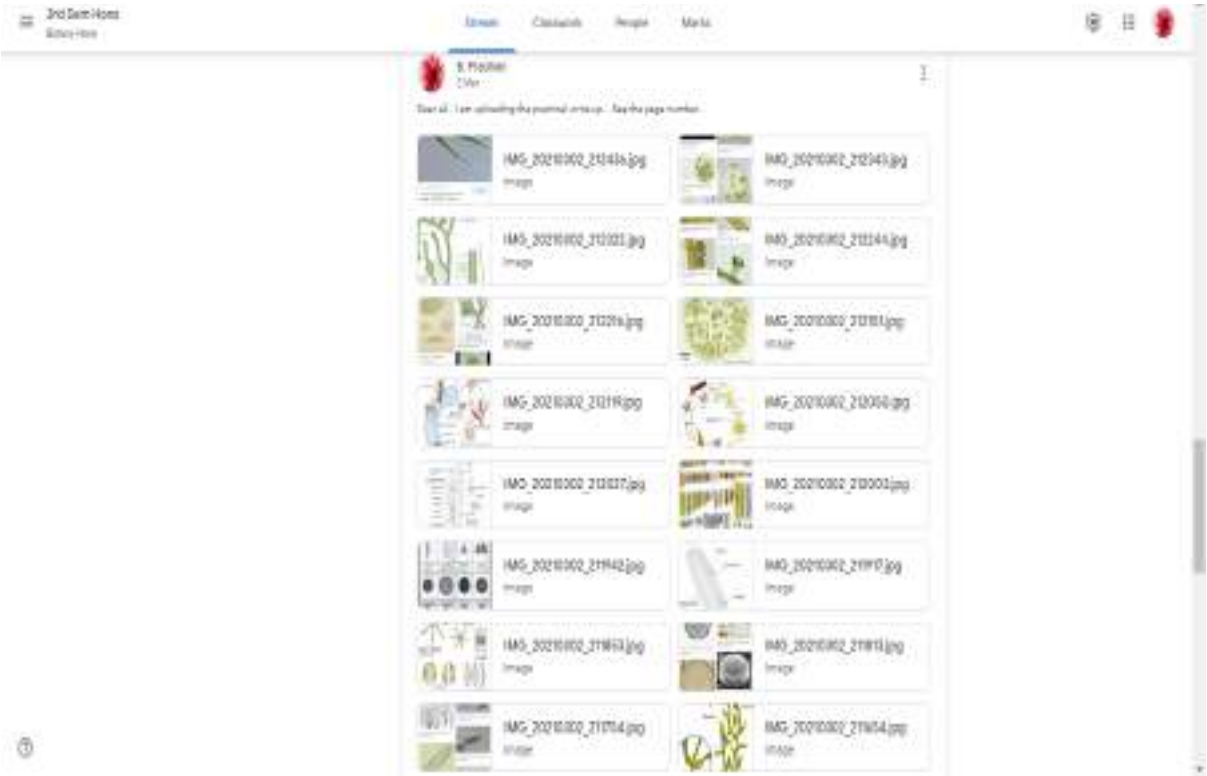
Smear preparation techni...
PDF

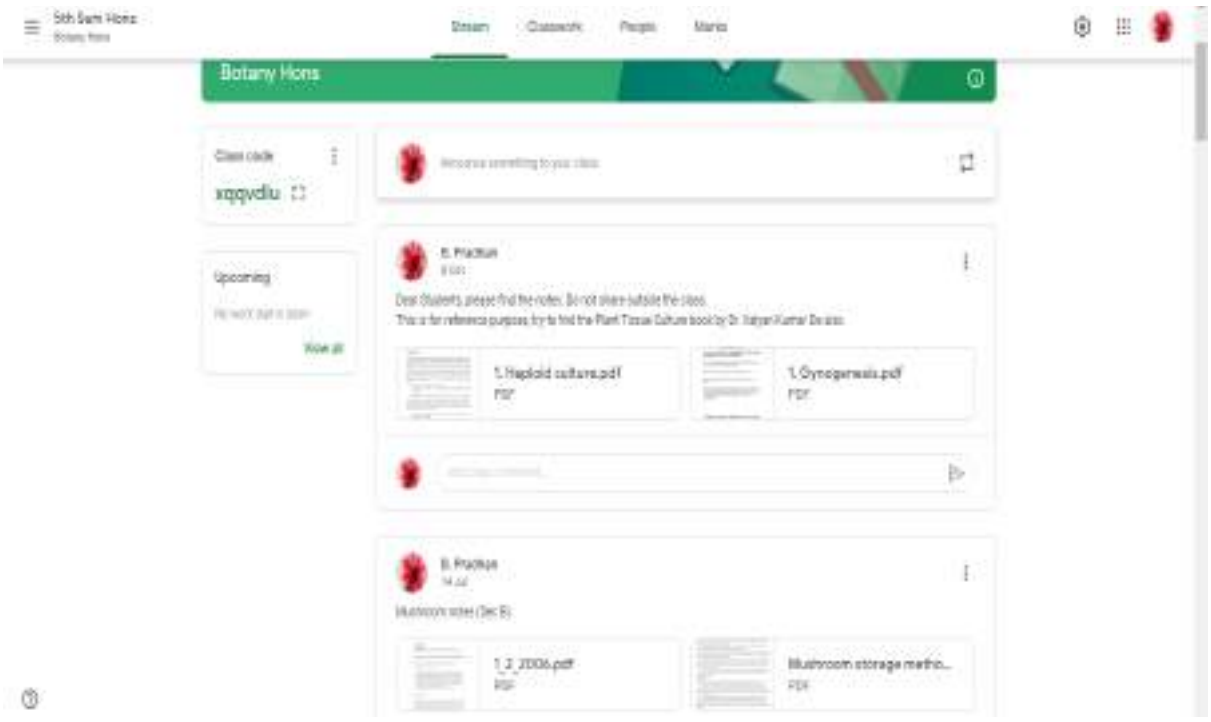

Students

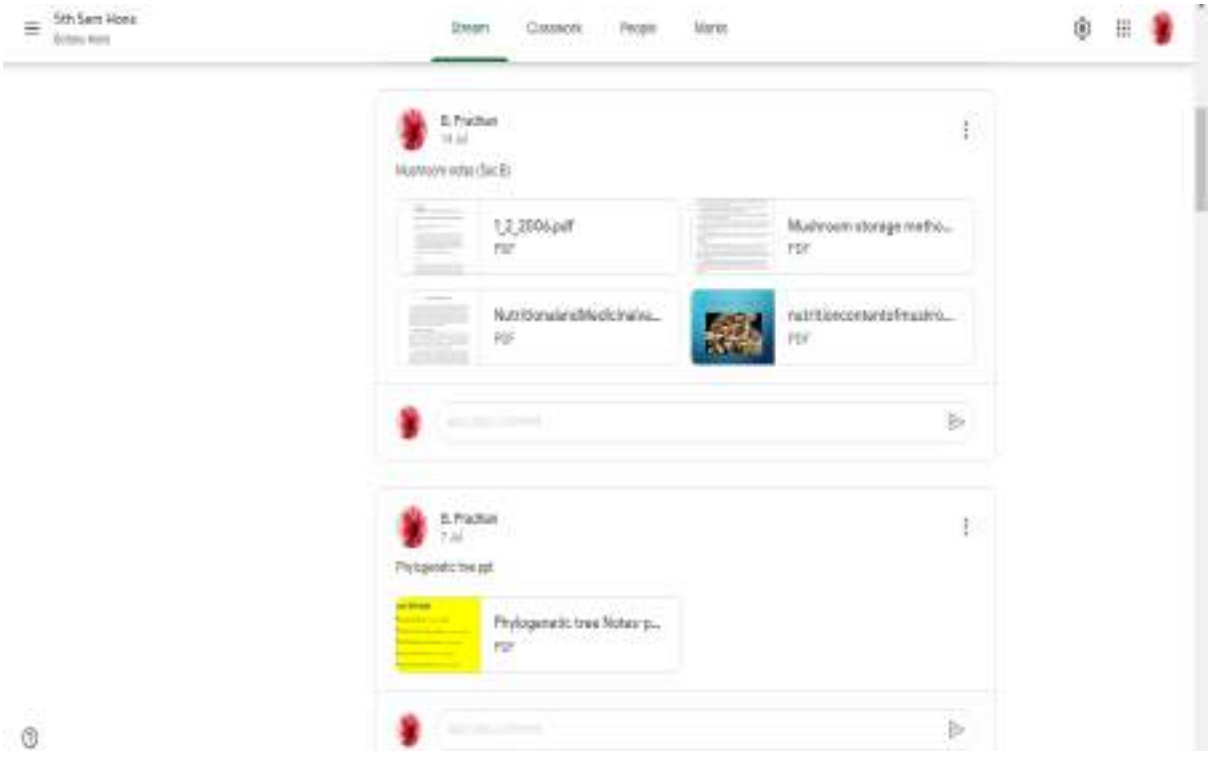

6th Sem Hons
Botany Hons
Stream
Classwork
People
Marks
Customize
Class code
ealetvp
Upcoming
View all
B. Prachan
Hazardous signs.pdf
Microtomy.pdf
Model organisms.pdf
Smear preparation techni...
1 class comment
Shrenoo Das

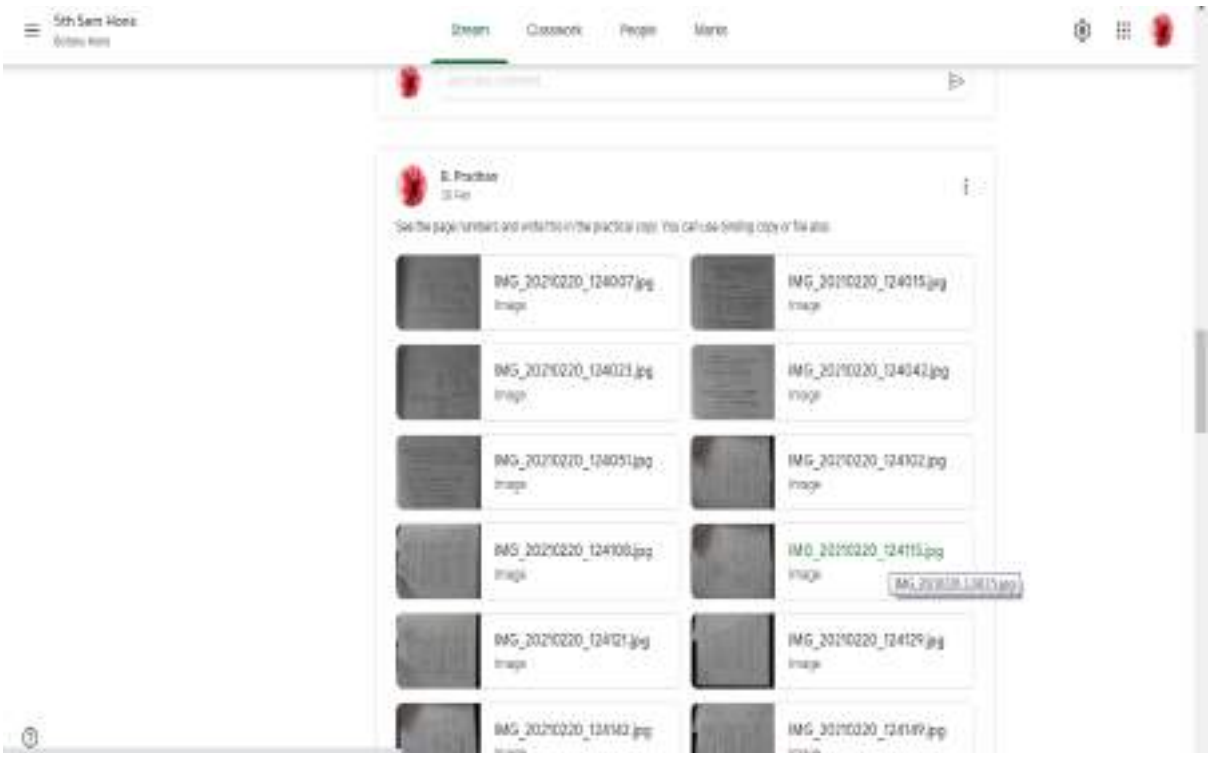

6th Sem Hons
Botany Hons
Stream
Classwork
People
Marks
B. Prachan
Female infertility2.pdf
infertility management pl...
male anti-infertility.pdf
Female infertility.pdf
Male infertility.pdf
skin diseases.pdf
medicinal-plants-used-in...
B. Prachan
1. Jaundice.pdf
2. Cardiac disease.pdf

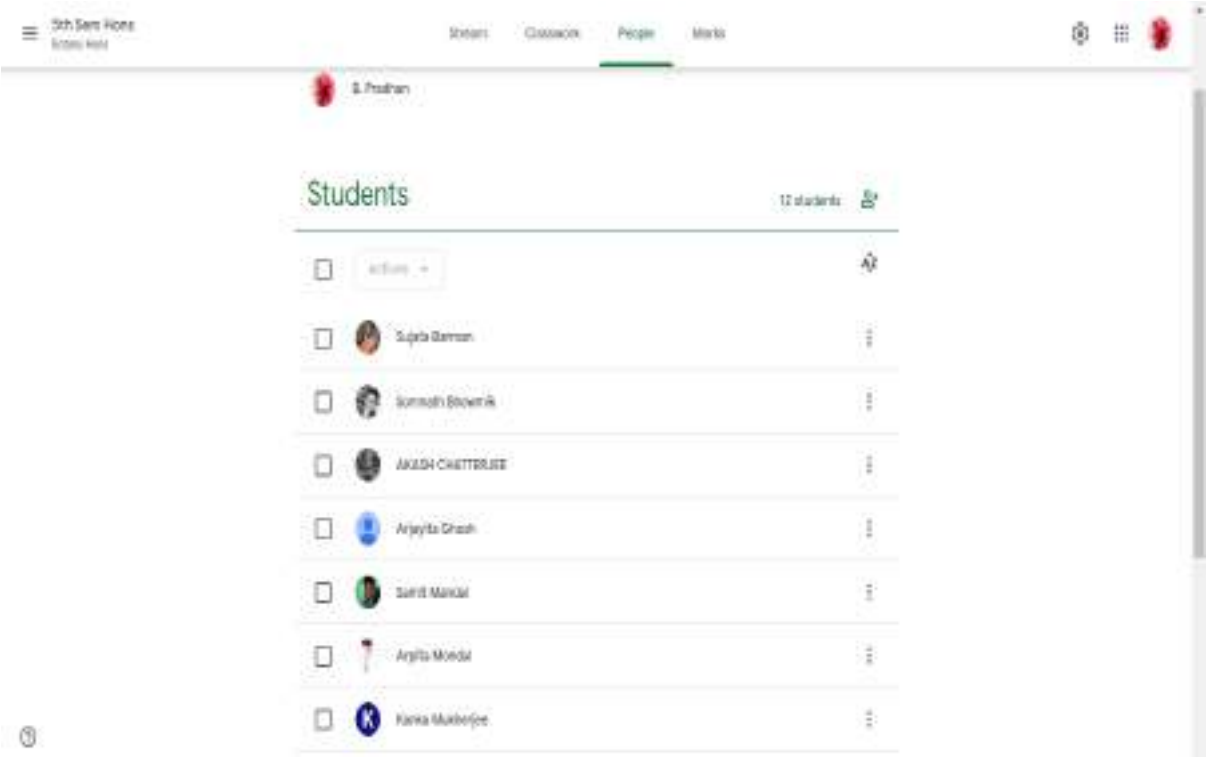

3rd Sem Hons
Stream
Classwork
People
Marks
origin of alternation of ga...
Unifying characters of Art...
Bryophytes importance.pdf

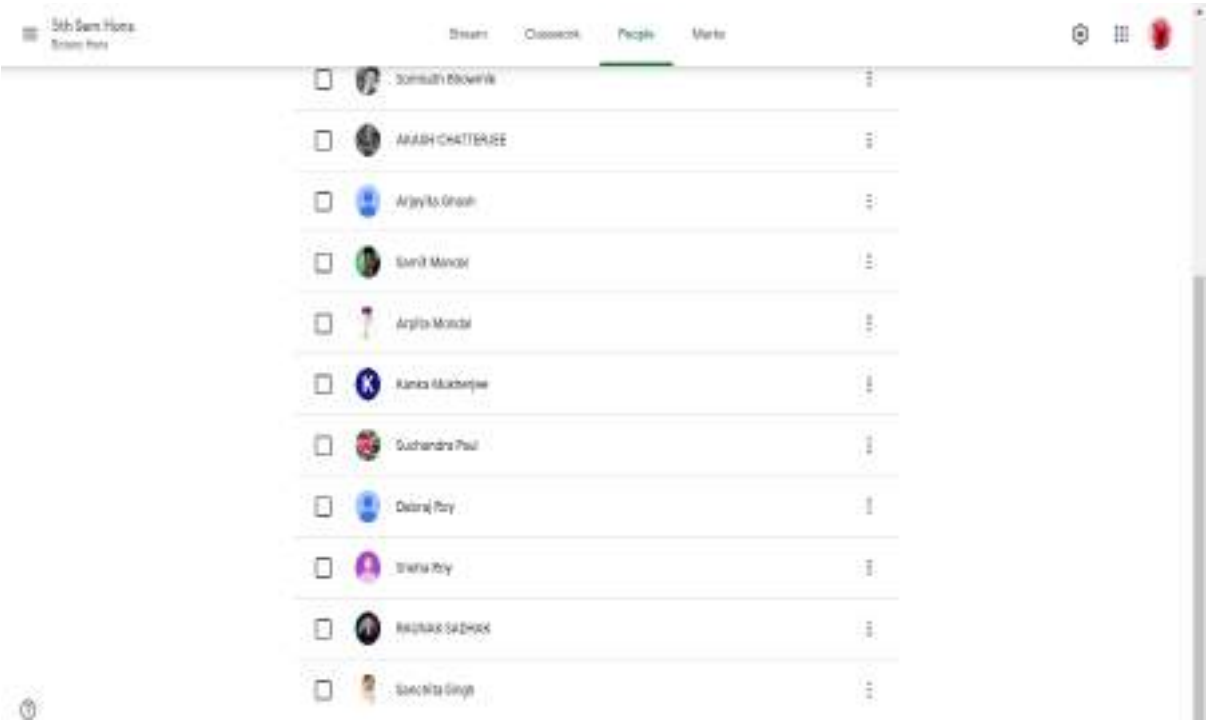

3rd Sem Hons
Stream
Classwork
People
Marks


5th Sem Hons
Botany Hons
Stream
Classwork
People
Marks
Botany Hons
Class code
xqqvdiu
Upcoming
1. Haploid culture.pdf
PDF
1. Cytogenesis.pdf
PDF
1_2_2006.pdf
PDF
Mushroom storage metho...
PDF


5th Sem Hons
Botany Hons
Stream
Classwork
People
Marks
1_2_2006.pdf
PDF
Mushroom storage metho...
PDF
NutritionalandMedicinalmu...
PDF
nutritionconstituentsofmushro...
PDF
Phylogenetic tree Notes p...
PDF

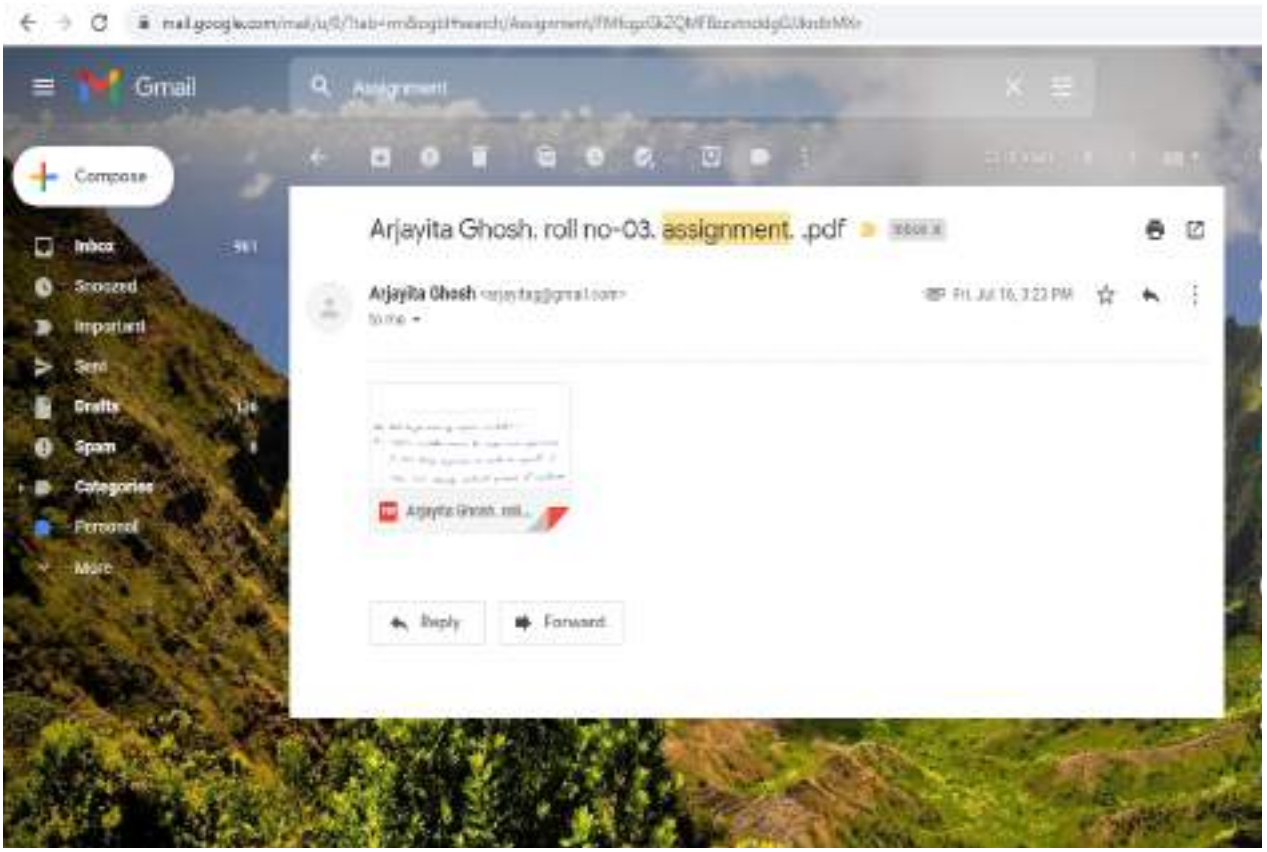

5th Sem Hons
Stream
Classwork
People
Marks
B. Practical
IMG_20210220_124037.jpg
IMG_20210220_124015.jpg
IMG_20210220_124023.jpg
IMG_20210220_124042.jpg
IMG_20210220_124051.jpg
IMG_20210220_124102.jpg
IMG_20210220_124108.jpg
IMG_20210220_124115.jpg
IMG_20210220_124121.jpg
IMG_20210220_124129.jpg
IMG_20210220_124143.jpg
IMG_20210220_124149.jpg

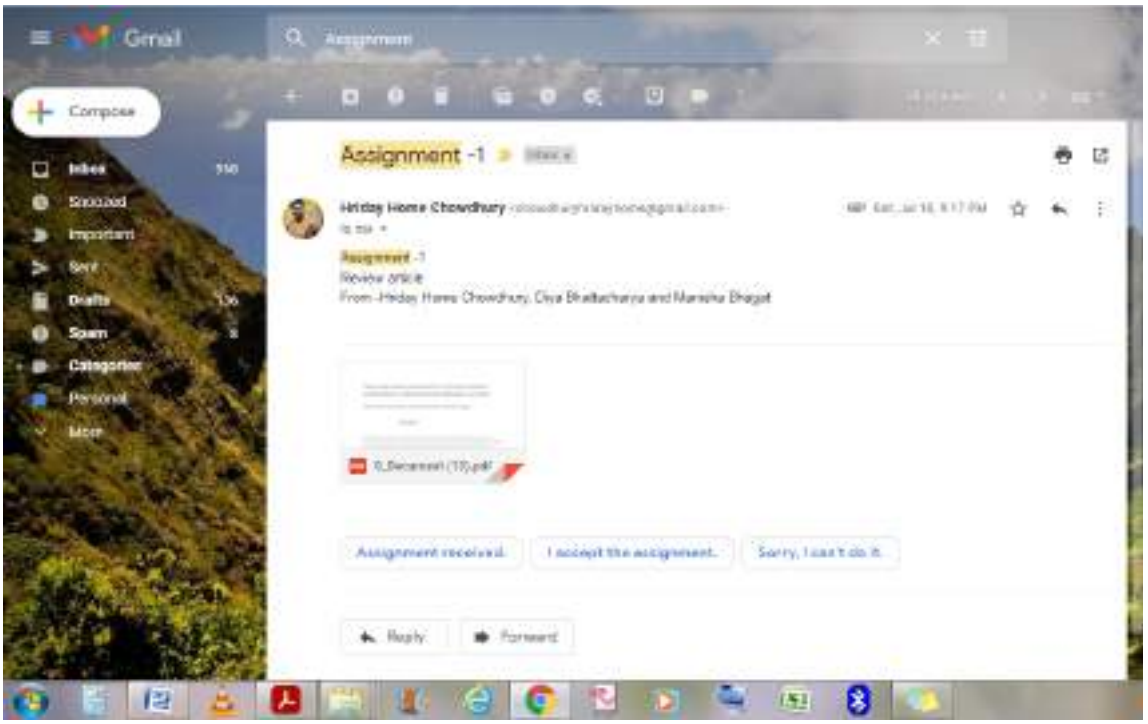

5th Sem Hons
Stream
Classwork
People
Marks
B. Pradhan
Students
12 students
Sujata Barman
Somnath Bhowmik
AKASH CHATTERJEE
Arjayita Ghosh
Sumit Mandal
Arpita Mondal
Kanka Mukherjee

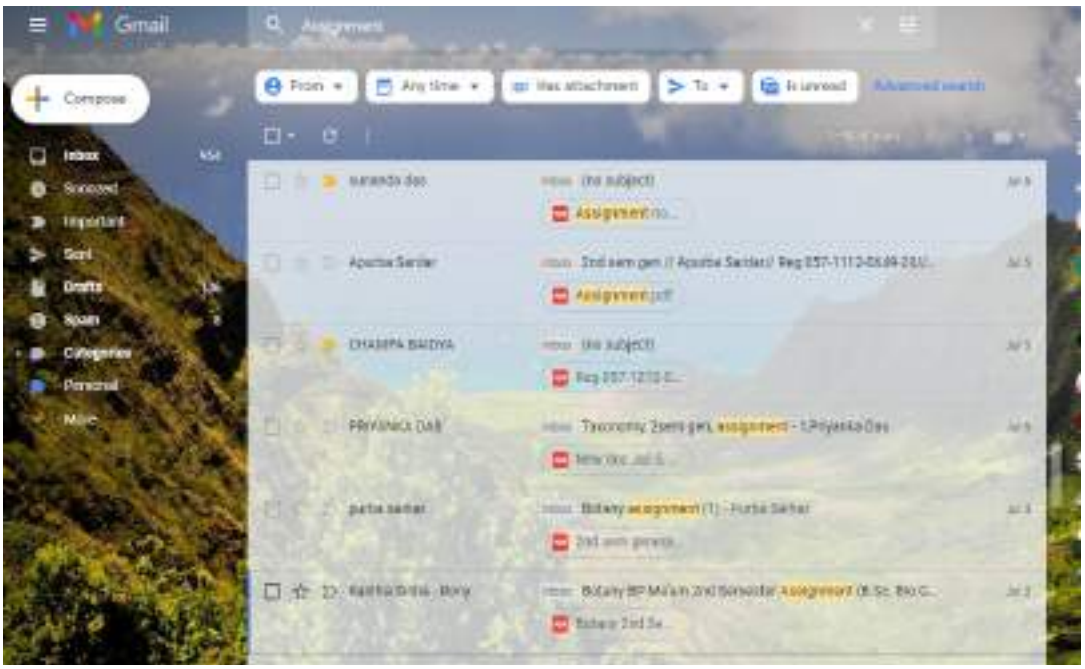

5th Sem Hons
Stream
Classwork
People
Marks
Somnath Bhowmik
AKASH CHATTERJEE
Arjayita Ghosh
Sumit Mandal
Arpita Mondal
Kanka Mukherjee
Suchandra Paul
Debraj Roy
Sneha Roy
Rajdeep SADHAK
Sanchita Singh

Screenshots of Assignments submission

(Dr. Bhumika Pradhan, Assistant Professor, Dept. of Botany)


Gmail
Assignment
Compose
Inbox
Snoozed
Important
Sent
Drafts
Spam
Categories
Personal
More
Arjayita Ghosh. roll no-03. assignment. .pdf
Arjayita Ghosh
Reply
Forward


Gmail
Assignment
Compose
Inbox
Snoozed
Important
Sent
Drafts
Spam
Categories
Personal
More
Assignment -1
Hriday Home Chowdhury
Assignment -1
Review article
From-Hriday Home Chowdhury, Diya Bhattacharya and Manisha Bhagat
Assignment received.
I accept the assignment.
Sorry, I can't do it.
Reply
Forward


Gmail
Assignment
Compose
From
Any time
Has attachment
To
Is unread
Advanced search
Inbox
Snoozed
Important
Sent
Drafts
Spam
Categories
Personal
More