

**B.Sc. SEMESTER I EXAMINATION, 2020 (CBCS)**

**BOTANY – GENERAL**

**PRACTICAL**

**CC1/GE1 – PLANT DIVERSITY I**

**Full Marks – 30**

**Time: 1 Hour 30 Minutes**

**INSTRUCTIONS FOR PRACTICAL EXAMINATIONS**

1. The examination and answer script submission will be only by online mode. No offline submissions will be accepted.
2. Write the answers on A4 sheets on one side only. Number your pages.
3. Use black pen to write the examination.
4. Answers may be written in English or Bengali.
5. Write the following on the first page of your answer script:

SARSUNA COLLEGE (563)

B.Sc. SEMESTER I EXAMINATION, 2020 (CBCS)

BOTANY – GENERAL (PRACTICAL)

CORE COURSE 1/GENERIC ELECTIVE 1 (CC1/GE1) – PLANT  
DIVERSITY I

NAME:

UNIVERSITY ROLL NO.:

REGISTRATION NO.:

PHONE NO.:

6. If available, attach a scanned copy of your Admit Card with your answer script.
7. After completing your answers, scan all the pages and save as a single PDF file and name it by your paper and University Roll No. e.g. BOTG-CC1/GE1(P)-203563-.....
8. Upload your PDF file in the Google form link <https://forms.gle/ztY8mUDQ1iJBLB8s8> given in Google Classroom within the given time limit.

9. You will be given 30 minutes to scan and upload the answer scripts. Answer scripts sent after the stipulated time limit will not be accepted.

**Answer the following questions:**

**10 × 3=30**

1. a) Write the composition of Cotton Blue stain.

b) Draw labelled diagrams of *Chara sp.* and *Rhizopus sp.*

2+4+4 =10

2.a) What is Double staining method ? Write the composition of Safranin stain.

b) Draw a labelled diagram of the T.S. of *Nerium* leaf.

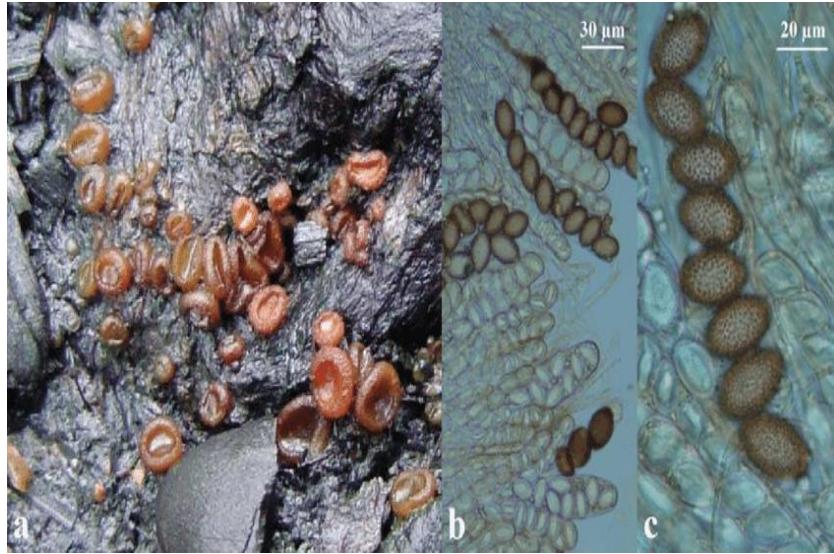
2+2+6 =10

3. a) Identify the following specimens A, B, C with reasons.

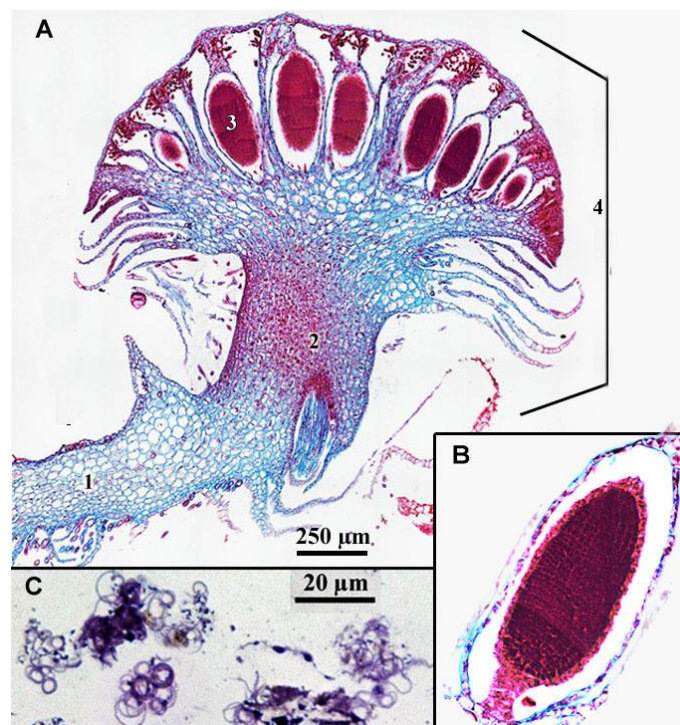
2×3 = 6



**SPECIMEN A**



**SPECIMEN B**



**SPECIMEN C**

b) Identify the following Pathological specimen D with reasons and mention the name of its causal organism and host. 4



**SPECIMEN D**