

**ASUTOSH COLLEGE**  
**DEPARTMENT OF BOTANY**  
**BOTANY GENERAL**  
B.Sc SEMESTER I: (CBCS UNDER CU)  
CORE COURSE- 1  
PLANT DIVERSITY (BOT-G-CC-1-1-P)

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PRACTICAL

TIME: 1 HOUR 30 MINS

FULL MARKS: 30

- 1] Draw (free hand) and label the followings-** 5×2 =10
- a) A cell of *Chlamydomonas* sp.
  - b) Mycelium of *Rhizopus* sp. with sporangium.
- 2] Answer the following questions:** 5×2 =10
- a] Answer in brief: (2½×2 =5)
    - i) Write the double staining procedure of anatomical sections.
    - ii) How can you differentiate unilocular and plurilocular sporangium of *Ectocarpus* sp.?
  - b] Write the causal organisms and the symptoms of the following two diseases- (2½×2 =5)
    - i) Late blight of potato
    - ii) Brown spot of rice.
- 3] Draw and label the following two anatomical details-** 5×2 =10
- a) T.S of the stem of *Cucurbita* sp.
  - b) T.S of the root of gram (*Cicer* sp.).

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\*Submit the answer script to the E-mail ID [asutoshbotany@gmail.com](mailto:asutoshbotany@gmail.com)