



A Charutar Vidya Mandal's Institution
V.P. & R.P.T.P. SCIENCE COLLEGE
(AUTONOMOUS) (Grant-in-Aid)
Affiliated to Sardar Patel University
VALLABH VIDYANAGAR-388120



Bachelor of Science (Semester-2) Internal Examination -2025

Subject Code: US02MIBOT01 Subject Name: INTRODUCTION OF ARCHEGONIATE

Date: 05-03-2025, (WEDNESDAY)

Time: 12:45 to 1:45 PM (1 HRS.)

Total Marks: 20

NOTE: 1. Figure to the right indicate full marks of the questions.

2. Draw neat labelled diagrams wherever necessary.

Q-1 Write the most appropriate answer for the following multiple-choice questions [06]

1. Which of the following is NOT a bryophyte?

- a) Riccia b) Funaria c) Anthoceros d) Fern

2. Venter is the part of ____.

- a) Sporangium b) Archegonium c) Antheridium d) All

3. What is the main ecological role of bryophytes?

- a) Prevention of soil erosion b) Carbon sequestration c) Water purification d) All of the above

4. Which of the following is an ecological importance of pteridophytes?

- a) Nitrogen fixation b) Soil erosion control c) Producing fruits d) Providing shelter for animals

5. Which plant is an example of a heterosporous pteridophyte?

- a) Lycopodium b) Selaginella c) Equisetum d) Psilotum

6. Cycas revoluta is widely grown as a: _____.

- a) Medicinal plant b) Timber-yielding plant c) Oil-yielding plant d) Ornamental plant

Q-2 With the help of suitable diagram describe the structure of the Riccia Sporophyte. [07]

OR

Q-2 Discuss Funaria Sporophyte structure.

Q-3 With the help of suitable diagram describe the structure of the Equisetum stem. [07]

OR

Q-3 Write short note on : Cycas Mega and Micro sporophyll.

