

Total No. of Printed Pages: 02

SUBJECT CODE NO: - YY-2347
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc. F.Y (Sem- II)
Examination March / April - 2023
Botany Paper-IV Diversity of Cryptogams-II

[Time: 1:30 Hours]

[Max. Marks: 40]

Please check whether you have got the right question paper.

N. B

- 1) Attempt all questions.
- 2) Illustrate your answer with suitable labelled diagrams .

Q1 Give an amount of male & female reproductive structure of Marchantia. 10

OR

Describe in brief.

- a. Sporophyte of funaria
- b. Economic importance of Bryophytes

Q2 Explain gametophytic stage of marsilea. 10

OR

Describe in brief.

- a. Sporangium of Equisetum
- b. Dehiscence of sporocarp in Marsilea

Q3 Write short notes on (Any two) 10

- a. General characters of Bryophytes.
- b. T. S. of Lycopodium leaf
- c. Synangium of psilotum

Q4 Multiple choice questions. 10

1. In Bnyophytes embryonic development of the zyrote takes place in the _____
 - a. Capsule
 - b. Archegonium
 - c. Antheridium
 - d. Sporangium
2. Liver warts is common name of _____
 - a. Funaria
 - b. Selaginella
 - c. Marchantia
 - d. Marsilea
3. The protonema is a stage in the life cycle of _____
 - a. Riccia
 - b. Fanaria
 - c. Anthoceros
 - d. Marchantia
4. The state present in Equisetum is _____
 - a. Haplostele
 - b. Actinosteale
 - c. plectosteale
 - d. Siphonosteale
5. Father of Indian Bryology is _____
 - a. S. K. Panday
 - b. R. S. Chopra
 - c. S. R. Kashyap
 - d. K.L Mehata

6. Gemma cup is found in _____
 - a. Marchantia
 - b. Anthoceros
 - c. Sphagnum
 - d. Riccia
7. Formation of elater is characteristics of _____
 - a. Riccia
 - b. Anthoceros
 - c. Funaria
 - d. Marchantia
8. Spike moss is the common name of _____
 - a. Lycopodium
 - b. Selaginella
 - c. Equisetum
 - d. Pteris
9. Anthoceros is commonly known as _____
 - a. Bladder worts
 - b. stone worts
 - c. Hornworts
 - d. Liverworts
10. Rhynia was first discovered from _____
 - a. India
 - b. America
 - c. china
 - d. Holland