QP Code: D153273	Total Pages: 1	Name:
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FIFTH SEMESTER (CUFYUGP) DEGREE EXAMINATION, NOVEMBER 2026

BOTANY

BOT5CJ301 PLANT DIVERSITY II

2024 Admission onwards

Maximum Time :2 Hours **Maximum Marks :70**

Section A

All Questions can be answered. Each Question carries 3 marks (Ceiling : 24 Marks)

1	Find the origin of embryophytes.
2	Point out the important characters of flowerless embryophytes.
3	Give a note on the general characters of marchantiophyta.
4	Write a general morphology of funaria leaf.
5	Find the economic importance of bryophytes.
6	Find the general features of lycopodiopsida.
7	What are the threats of Pteridophytes in Western Ghats.
8	Draw and write the structure of male flowers in Gnetum
9	What is corolloid root of Cycas?
10	Find the origin of gymnosperm.

Section B

All Questions can be answered. Each Question carries 6 marks (Ceiling : 36 Marks)

11	What are General characters of different groups of flowerless embryophytes
12	Write a evolutionary history and diversity of embryophytes.
13	Brief account on modern trends in the classification of bryophytes.
14	Describe origin and evolution of Bryophytes.
15	Brief out general characters and diversity of lycopodiopsida
16	Illustrate the systematic relationships among lycophytes and euphyllophytes.
17	Identify the ecological importance of Gymnosperms.
18	Predict the evolution of gymnosperms.

Section C

Answer any ONE .Each Question carries 10 marks (1x10=10 Marks)

19	Discuss about the reproductive biology of Pteris with diagrammatic representation.
20	Elaborate the stages in the life cycle of Riccia.