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Total No. of Questions: 11

[Total No. of Printed Pages : 3

BPP-1071

M.Sc. (Previous) Examination, 2022 BOTANY

Paper - II

(Bryology, Pteridology and Gymnosperms)

Time: 3 Hours [Maximum Marks: 75

Section-A (Marks : $2 \times 10 = 20$)

Note: Answer all *ten* questions (Answer limit **50** words). Each question carries **2** marks.

Section–B (Marks: $5 \times 5 = 25$)

Note: Answer all *five* questions. Each question has internal choice (Answer limit **200** words). Each question carries **5** marks.

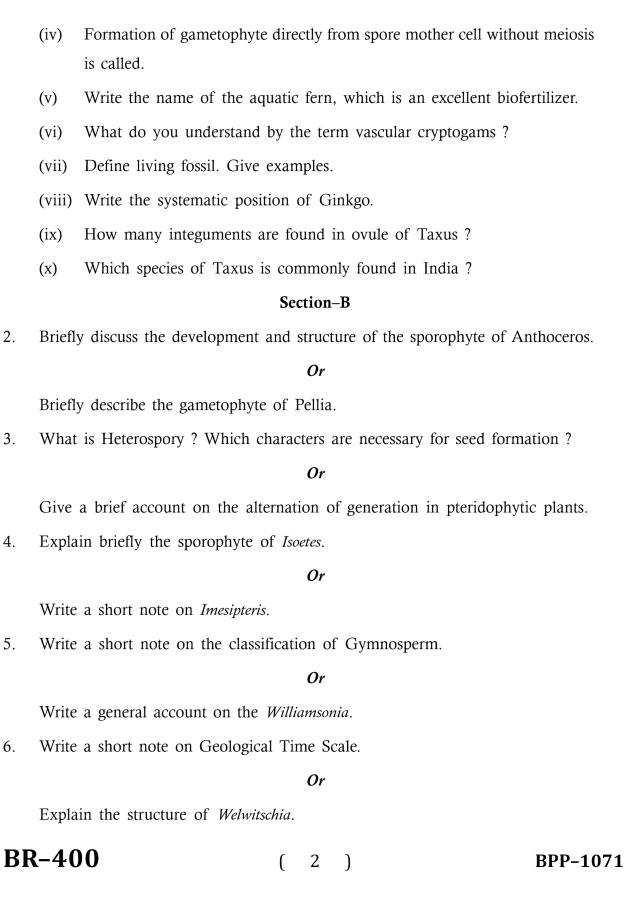
Section–C (Marks: $10 \times 3 = 30$)

Note: Answer any *three* questions out of five (Answer limit **500** words). Each question carries **10** marks.

Section-A

- 1. (i) Write the name of the Bryophyte which have retart cells.
 - (ii) Write the function of Pseudoelaters in Anthoceros.
 - (iii) What is the role of Bryophytes in Forest Ecosystem?

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Section-C

- 7. With the help of diagrams briefly explain the life-cycle of *Notothylas*.
- 8. Write a detailed note on the evolution of stele.
- 9. Briefly describe the life-cycle of Azolla.
- 10. Explain briefly the morphology of Cycadioidea.
- 11. Explain the morphology and Internal structures of Gnetum in detail.