

Roll No :

Total No. of Questions : 20]

[Total No. of Printed Pages : 3

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M.Sc. (Final) Examination, 2021

BOTANY

Paper - VIII (b)

(Advanced Plant Ecology-II)

Time : 1½ Hours]

[Maximum Marks : 75

The question paper contains three Sections.

Section-A

(Marks : 2 × 10 = 20)

Note :- All the questions are compulsory. The answers of each question are limited upto **50** words. Each answer will carry **2** marks.

Section-B

(Marks : 5 × 5 = 25)

Note :- Answer *five* questions, selecting *one* question from each Unit. The answers of each question are limited upto **200** words. Each answer will carry **5** marks.

Section-C

(Marks : 10 × 3 = 30)

Note :- Attempt any *three* questions in all from this part. The answers of each question are limited upto **500** words. Each answer will carry **10** marks.

Section-A

2 each

1. What do you mean by Water Harvesting ?
2. Write *four* characteristics of cold desert.

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3. What do you mean by Biotic Factors ?
4. Name *four* minerals found in Thar desert.
5. Name *four* species of halophytes.
6. Write *four* characteristics of grazing land.
7. Write *four* characteristics of soil of Rajasthan.
8. What do you mean by biological productivity ?
9. What do you mean by Dormancy ?
10. What do you mean by Viability ?

Section–B

5 each

11. Briefly discuss topography of desert.

Or

Explain characteristics of hot desert.

12. Describe threatened plants of Rajasthan desert.

Or

Explain role of abiotic factors on desert vegetation.

13. Describe mangrove vegetation.

Or

Describe impact of overgrazing on grazing land.

14. Explain cycles and balances in desert ecosystem.

Or

Explain geology of Rajasthan desert.

15. Describe reproductive capacity and seed output in desert plants.

Or

Explain animal adaptation to arid conditions.

Section–C

10 each

16. Describe the formation of desert.

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17. Explain forest resources of Rajasthan desert.
18. Describe threatened plants of Rajasthan desert and their conservation strategies.
19. Describe problem of underground water resources in Rajasthan and their solution.
20. Describe soil erosion and reclamation of soil.