

Roll No. :

Total No. of Questions : 11]

[Total No. of Printed Pages : 3

BPF-2194

M.Sc. (Final) Examination, 2022

ZOOLOGY

Paper - VIII (b)

(Environmental Biology)

Time : 3 Hours]

[Maximum Marks : 75

Section-A

(Marks : 2 × 10 = 20)

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

Section-B

(Marks : 5 × 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 × 3 = 30)

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

Section-A

1. Attempt all *ten* questions :

- (i) What is Pest Management ?
- (ii) Explain Wildlife Resources.

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- (iii) Write the names of Conventional Energy Resources.
- (iv) Write the sources of Air Pollution.
- (v) What do you understand by Urbanization Stress ?
- (vi) Explain Biological Diversity Act, 2002.
- (vii) What are Toxicants ?
- (viii) Explain Soil Erosion.
- (ix) What are Bioassay Techniques ?
- (x) What is Monitoring ?

Section-B

2. Write a note on Agriculture and Forestry.

Or

Describe the history of cultural evolution of man in relation to impact on Environment.

3. Write an essay on Aquaculture.

Or

Describe land pollution, its monitoring and sources.

4. Explain rural health problem. Discuss the role of health care system to check rural health problem.

Or

Write a note on Environmental Protection Act, 1986.

5. Write an essay on management of different types of Wastes.

Or

Write a note on Desertification.

6. Describe Statistical Analysis.

Or

Describe the methods used for analysis of chemical factors of water.

Section-C

7. Write an essay on conservation of Natural Resources.

8. Describe Mineral Resources.

9. Describe Urban Health Problem.

10. Suggest safety measures to check impact of natural toxicants on Biota.

11. Write the advantages and disadvantages of Biological Monitoring.