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Reg. No. | | | | | | | | | |

VI Semester B.Sc. Degree Examination July/August-2024

ZOOLOGY

Environmental Biology, Wild life Management & Conservations

(NEP Freshers Scheme)

Paper-VIII

Time : 2½ Hours **Maximum Marks : 60**

Instructions to Candidates :
1. **Answers should be completely in English.**
2. **Draw diagrams wherever necessary.**

PART - A

I. Answer the following questions in one word or one sentence each. **(5×1=5)**

1. Name the biome with least rainfall.
2. Which zone has highest rate of photo synthesis in the marine ecosystem?
3. Name any one green house gas.
4. Given an example of a wild life sanctuary of Karnataka.
5. Expand GIS.

PART - B

II. Answer any FIVE of the following questions. **(5×3=15)**

1. Give an account on Biotic Components of an ecosystem.
2. Describe the ecological features of forest biome.
3. Write a note on the effects of ozone layer depletion on plants and animals.
4. Mention the objectives of project tiger.
5. What are national parles? Give any two examples.
6. Write a brief note on the objectives of wild life protection act.
7. 'Wild life corridors play a crucial role in wild life management'. Justify.

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PART - C

III. Answer any Four of the following questions. Each carries 5 marks. **(4×5=20)**

1. Explain food web with a suitable diagram.
2. Define Biomagnification. Explain with an example.
3. List the causes and effects of acid rain.
4. Give an account on Zoological gardens.
5. Explain :
   a) Human animal conflict.
   b) Animal census.
6. Enumerate the values of wild life.

PART - D

IV. Answer any Two of the following questions. Each question carries 10 marks. **(2×10=20)**

1. Explain pond ecosystem with a neat labelled diagram.
2. Write an explanatory notes on:
   a) Bioremediation
   b) Thermal pollution.
3. Explain ex-situ methods of wild life conservation.
4. With reference to wild life explain:
   a) Tracing movements
   b) Remote sensing
