

**QP CODE:  
T6001**

**Enrollment number :** .....

**Name :** .....

**BA DEGREE EXAMINATIONS, MAY 2024**

**First Semester**

**B21ES01AC - Environmental Studies**

**( Regular / Supplementary / Improvement )**

**Common for 2022, 2023 January admissions**

**Time: 3 Hours**

**Max Marks: 70**

**Section A**

**Answer any ten questions in a word or sentence each. Each question carries 1 mark.**

1. Which type of forest is dense and has a rainfall more than 3000 mm per year?
2. Name the system that comprise living organisms, their physical environment and all their inter relationship.
3. What percentage of water is distributed in ocean and seas?
4. Expand CRZ.
5. Which type of ecosystem is featured with low rainfall, generally less than 25 centimetres per year?
6. Give an example for methods of In-situ conservation of animals
7. Name the graphical representation which shows relationship between different living organisms at different trophic levels in an ecosystem?
8. Name two biodiversity hotspots in India.
9. Name the environmental movement which began in 1973 in parts of Uttar Pradesh.
10. Which is the vector that transmits Malaria?
11. Expand CITES.
12. Name the method of cultivating crops on the same ground to increase soil fertility.
13. Which atmospheric layer has more concentration of Ozone?
14. Mention the year in which the Air Prevention and Control of Pollution Act passed by the parliament of India?
15. Name the category of species which are vulnerable to extinction in the near future.

**(1x10=10)**

**Section B**

**Answer any five questions in one or two sentences each. Each question carries 2 marks.**

16. What is troposphere?
17. What is meant by agroforestry?
18. Define flagship species.
19. Define biodiversity.

20. What is meant by occupational disease? Give example.
21. What are the objectives of Swachh Bharat Abhiyan?
22. Define sustainable development.
23. Define anthropocentrism.
24. What are microplastics?
25. What is Environmental Impact Assessment? What is its aim?

**(2x5=10)**

### **Section C**

**Answer any six questions in one page each. Each question carries 5 marks.**

26. Write the differences between weather and climate.
27. Explain different methods for the conservation of natural resources.
28. What is biogas? Comment on the production of energy from biogas.
29. Describe the features of grassland ecosystem.
30. What are the different abiotic components of an ecosystem? Give examples.
31. Briefly describe the concept of food chain.
32. Write a short note on Narmada Bachao Andolan.
33. What is Eco-club? Comment on its activities.
34. Give an account on vector borne diseases.
35. Explain the concept of "Zero Waste".
36. Briefly describe different management options to tackle climate change.
37. Explain the different causes of flood.

**(5x6=30)**

### **Section D**

**Answer any two questions in three pages each. Each question carries 10 marks.**

38. What is meant by ex-situ conservation? Describe various strategies of ex-situ conservation of plants and animals.
39. Write an essay on various fatal effects of over population.
40. Describe the values of biodiversity.
41. Write an essay on major impacts of climate change on crops, livestock and fisheries.

**(10x2=20)**