

BACHELOR'S DEGREE (C.B.C.S) EXAMINATION, NOVEMBER 2024
2018, 2019, 2020, 2021 ADMISSIONS SUPPLEMENTARY
SEMESTER V - CORE COURSE (BOTANY)
BO5B05B18 - Environmental Science and Human Rights

Time : 3 Hours

Maximum Marks : 60

Part A

I. Answer any Ten questions. Each question carries 1 mark**(10x1=10)**

1. How do you explain mortality?
2. Give the definition of natality.
3. Write note on parasitic food chain.
4. Expand NPP. Give its definition.
5. Who coined the term "biodiversity" ?
6. Define Gamma diversity.
7. Expand TIES.
8. Expand DO.
9. What do you mean by BOD?
10. Name any two legislations related to biodiversity and wildlife.
11. Name the main areas of activism of Sunderlal Bahuguna.
12. What is meant by blue rights?

Part B

II. Answer any Six questions. Each question carries 5 marks**(6x5=30)**

13. Provide the details of the abiotic components of ecosystems.
14. Enlist the morphological adaptive features of halophytes.
15. Represent the features of the pyramid of biomass in a pond ecosystem and explain how is it different from that of a forest.
16. List out the characteristic features of genuine ecotourism.
17. Explain the features of Red Data Book.
18. Distinguish between incineration and pyrolysis.
19. Give an account on the colour coding used on maps to depict water quality.
20. Write a short note on the role of NEERI in environment protection.
21. List out the measures to control industrial pollution.

Part C

III. Answer any Two questions. Each question carries 10 marks**(2x10=20)**

22. Describe the anatomical adaptive features of xerophytes.
23. What is meant by endemism? Give a detailed description of the different types of endemic species.
24. Give an account on criteria air pollutants.
25. Write an essay on over exploitation of natural resources.

