

TB205070V

Reg. No :

Name :

B. Sc. DEGREE (C.B.C.S.) EXAMINATION, NOVEMBER 2022
2020 ADMISSIONS REGULAR AND 2019, 2018 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. Give the definition of standing state in an ecosystem.
2. Give the expansion of GPP and define it.
3. Expand NPP. Give its definition.
4. What is meant by synecology?
5. Define "T" species.
6. What are vulnerable species?
7. Expand TIES.
8. Expand DO.
9. What do you mean by BOD?
10. Define Kyoto protocol and its major aim.
11. Name the main areas of activism of Sunderlal Bahuguna.
12. Expand UDHR.

Part B

II. Answer any Six questions. Each question carries 5 marks

(6x5=30)

13. Describe the 10% rule of energy flow with the help of pyramid of energy.
14. Write a short essay on age pyramids.
15. Write notes on the anatomical adaptations in epiphytes.
16. Give an account on the negative impacts of ecotourism.
17. Enlist the positive impacts of ecotourism.
18. Briefly explain the phenomenon of Antarctic ozone hole.
19. Explain the effects of air pollution.
20. Narrate the social activities of Medha Patkar.
21. List out the measures to control industrial pollution.

Part C

III. Answer any Two questions. Each question carries 10 marks

(2x10=20)

22. Write notes on the different types of epiphytes.
23. Describe the various methods of conservation of biodiversity.
24. Give an account on criteria air pollutants.
25. Describe the rights of scheduled caste, scheduled tribe and rights of minorities.