

TB245848I

Reg. No :

Name :

BACHELOR'S DEGREE (C.B.C.S) EXAMINATION, NOVEMBER 2024

2022 ADMISSIONS REGULAR

SEMESTER V - CORE COURSE (CHEMISTRY)

CH5B05B18 - Environmental Studies and Human Rights

Time : 3 Hours

Maximum Marks : 80

Part A

I. Answer any Ten questions. Each question carries 2 marks

(10x2=20)

1. Define fourth order consumers. Give examples.
2. Define an ecosystem.
3. Define the term water conflict.
4. Describe the term intergenerational equity.
5. Define natural law.
6. Explain rain water harvesting.
7. Define noise pollution. Name the unit for measuring noise pollution.
8. Vermin-composting is an effective method for solid waste disposal. Illustrate.
9. It is the only type of pollution which "we can't see, we can't smell and we can't touch". The effect of which may not show up in this decade, this generation or in this century. Identify the type of pollution and discuss one of its effect.
10. Describe any two causes of water pollution.
11. Name a lead compound used in automobiles. Why is it used?
12. Give four adverse effects of heavy metals in humans.

Part B

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

(6x5=30)

13. Define a landslide. Identify human activities that cause landslides.
14. Review on the world food problems.
15. Discuss the importance of mineral resources and its exploitation.
16. Discuss the reasons, problems and concerns of resettlement and rehabilitation.
17. Discuss wildlife protection act.
18. Explain forest conservation act.
19. Explain the environmental degradation of Kuttanadu wetland.
20. Summarize Chernobyl disaster.
21. Write briefly about the toxic effects of a) Hg b) Cd c) oxides of Nitrogen

Part C

III. Answer any Two questions. Each question carries 15 marks

(2x15=30)

22. Describe aquatic ecosystems focusing on the different types.
23. Explain resettlement and rehabilitation. Discuss the reasons and problems related to resettlement and rehabilitation policies in India.
24. a) Explain critically the factors responsible, effects and remedial measures for Noise pollution b) Examine a case study based on air pollution.
25. Discuss the factors responsible and remedial measures for a) Thermal Pollution b) Examine a case study related to water pollution.