

TB245675Y

Reg. No :

Name :

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

2021 ADMISSIONS SUPPLEMENTARY (SAY)

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. List two preventive measures of water logging.
2. Recall any two benefits of dams.
3. Mountain ecosystems are fragile. Identify the reason.
4. Explain rain water harvesting.
5. Discuss watershed management.
6. List the main bodies of UN system.
7. 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.
8. Identify the outcomes of nuclear fallout.
9. List the key causes of soil pollution.
10. Vermin-composting is an effective method for solid waste disposal. Illustrate.
11. Give one example for the heavy metal which binds with the protein and the consequence it can cause.
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. Review the Coco-cola ground water exploitation in Kerala.
14. Discuss the importance of mineral resources and its exploitation.
15. Sharing the waters of River Kaveri has been the source of serious conflict between Karnataka and Tamil Nadu. Discuss.
16. Explain the need for water conservation and its goals.
17. Explain forest conservation act.
18. Explain environmental protection act.
19. Explain Eutrophication and explain the steps involved in the process.
20. Explain the environmental degradation of Kuttanadu wetland.
21. Explain what is meant by toxicology. Discuss the toxicological effects of (a) any two heavy metals (b) CO.

Part C

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

(2x15=30)

22. Describe the classification of natural resources and problems associated with natural resources.
23. Discuss universal declaration of human rights.
24. Discuss the various aspects of air pollution, taking into consideration the sources, consequences and methods of monitoring.

25. Explain the following with their causes and consequences. a) Green house effect b) Biomagnification c) Ozone depletion.

