

TB145760A

Reg. No:.....

Name:.....

B. Sc. DEGREE (C.B.C.S.S.) EXAMINATION, OCTOBER 2016
SEMESTER V - CORE COURSE (ZOOLOGY)
ZOO5ETD - ENVIRONMENTAL BIOLOGY, TOXICOLOGY & DISASTER
MANAGEMENT

Time: Three Hours

Maximum Marks: 60

PART A

I. Answer all questions. Each question carries 1 mark.

1. Define the term environmentalism
2. Write on permafrost
3. What are petroplants?
4. Define pedology?
5. What is resource?
6. Define an e-waste
7. What is meant by the term mitigation ?
8. Define toxicology

(8x1= 8)

PART B

II. Answer any six questions. Each question carries 2 marks.

9. Briefly explain the problems associated with landfilling ?
10. Write briefly on toxicants of biological origin
11. What is Kyoto protocol?
12. Write a note on the carbon sequestration ?
13. What is Geoengineering?
14. Mention the causes of flood?
15. Distinguish between lentic and lotic ecosystem?
16. Mention four adaptations of fresh water animals?
17. Write briefly on various types of Plastics?
18. Give an account on Therapeutic Index.?

(6x2= 12)

PART C

III. Answer any four questions. Each question carries 4 marks.

19. Write an account on the adaptations exhibited by rocky shore animals
20. Comment on the threats of freshwater pollution in Kerala
21. Briefly describe Thermal stratification?
22. Give an account on biotic resources?
23. What are the mitigation measures of tsunami?
24. What are the environmental impacts of E waste?

(4x4 =16)

PART D

IV . Answer any two questions. Each question carries 12 marks.

25. Write an essay on heavy metal pollution.
26. Identify and describe the different types of disasters?
27. Explain about the major Ramsar sites in Kerala and about the ecological significance of wet lands?
28. Write an essay on Biomes with special reference to Forest biome.

(2x12= 24)