

B. Sc. DEGREE (C.B.C.S.S) EXAMINATION, JANUARY 2019**(2016 Admission Supplementary)****SEMESTER V - CORE COURSE (ZOOLOGY)****ZY5B06TB - ENVIRONMENTAL BIOLOGY, TOXICOLOGY AND DISASTER****Time : 3 Hours****MANAGEMENT****Maximum Marks : 60****Part A****I. Answer all questions. Each question carries 1 marks****(5x1=5)**

1. Who coined the term Ecology?
2. Define an Aquifer.
3. Comment on SPV.
4. What is climate change?
5. What is Lethal Dose?

Part B**II. Answer any Five questions. Each question carries 2 marks****(5x2=10)**

6. Discuss the importance of Coral reefs.
7. Classify lakes.
8. Write briefly on a) The steppes b) The savannas
9. Briefly describe the two methods of aerobic biowaste management.
10. Write notes on solar energy.
11. Add a note on anthropogenic contributions to Greenhouse effect.
12. Comment on CDM.
13. Comment on Drought .

Part C**III. Answer any Five questions. Each question carries 5 marks****(5x5=25)**

14. Comment on grassland biomes.
15. Explain the ecological significance of wetlands & the major threats to the wetlands.
16. Add an account on Natural gas, its advantages and disadvantages.
17. What are conventional sources of energy and how we can conserve it?
18. Write a short note on UNFCCC.
19. Write notes on Global warming and its challenges.
20. Mention the different causes and treatment for Botulism.
21. Explain the different types and effects of flood with special reference to the current scenario of Kerala.

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

22. Discuss on the threats to freshwater resources of Kerala
23. Explain the different Non Renewable sources of energy with suitable examples.
24. Describe in detail the causes and consequences of climate change.
25. Write an essay on Heavy metal toxicity.