

B.Sc. DEGREE (C.B.C.S.S) EXAMINATION, MARCH 2018**2015 Admission Regular****SEMESTER VI - CORE (BOTANY)****BO6B09TB - ENVIRONMENTAL SCIENCE AND ECOTOURISM****Time : 3 Hours****Maximum Marks : 60****Part A****I. Answer all questions. Each question carries 1 marks**

1. What is food web?
2. Describe J shaped growth curve.
3. What is meant by ecological foot print?
4. Expand MoEF.
5. Name two ecotourism centers of Kerala.

(5x1=5)**Part B****II. Answer any Five questions. Each question carries 2 marks**

6. Distinguish between ex-situ conservation and in-situ conservation
7. What is meant by ecological amplitude?
8. Give an account on ecological indicators.
9. Distinguish between smog and fog.
10. Give an account on minamata disease
11. Write brief note on Wild life act of India, 1972.
12. Enumerate the role of greenhouse gases in pollution.
13. Give an account on the principles of ecotourism.

(5x2=10)**Part C****III. Answer any Five questions. Each question carries 5 marks**

14. Write a note on inverted food chain citing suitable examples.
15. Explain the causes of food shortage and world food problems.
16. Explain the contributions of Sri. Anil Kumar Agarwal.
17. Explain the adaptations in epiphytes.
18. Explain the sources and impacts of nuclear hazards.
19. Describe JFM.
20. Give an account on the benefits and problems of Dams
21. Give an account of the positive and negative impacts of ecotourism.

(5x5=25)**Part D****IV. Answer any Two questions. Each question carries 10 marks**

22. With the help of diagrams explain the biogeochemical cycles you have studied.
23. Give an account on the association of communities.
24. Write an essay on the types, causes and effects of water pollution.
25. Write an essay on different environmental legislations and laws that you have studied.

(2x10=20)