

TB145100B

Reg. No.....

Name.....

B. Sc. DEGREE (C.B.C.S.S.) EXAMINATION, APRIL 2017
Supplementary – 2014 Admission
SEMESTER V - CORE COURSE (BOTANY)
BOT5ESE - ENVIRONMENTAL STUDIES AND ECOTOURISM

Time: Three Hours

Maximum Marks: 60

PART A

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

1. Define microenvironment.
2. What is a food web?
3. What is watershed?
4. Define vernalisation.
5. What is gross primary productivity?
6. What is climax community?
7. What is BOD?
8. Expand BNHS.

(8 x 1=8)

PART B

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

9. What is ecological pyramid?. Mention its types.
10. What are ecological indicators ?.Give examples.
11. What is photoperiodism?
12. What is population density?
13. Write a note on EIA.
14. Write a note on Wildlife Protection Act 1972.
15. What is eutrophication?
16. Write a note on Red Data book.
17. What are the negative impacts of alien species?
18. Write a note on Chipko movement.

(6 x 2 =12)

PART C

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

19. Write a note on land use and degradation.
20. Write a note on energy plantation.
21. Write notes on nuclear accidents and nuclear holocaust.
22. Write a note on soil profile and chemical properties of soil.

23. What is endemism?. What are the types of endemism? .Write a note on factors affecting endemism.
24. Write a note on components, forms and types of ecotourism in India.

(4 x 4=16)

PART D

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

25. What is water pollution?. Explain sources, types and effects of water pollutants.
26. Write a note on structure and function of ecosystem.
27. What is community?. Write an account on characteristics of community.
28. Write a note on food resources .Add a note on world food problems.

(2 x 12=24)