

TB145100A

Reg. No.....

Name.....

B. Sc. DEGREE (C.B.C.S.S.) EXAMINATION, OCTOBER 2016
SEMESTER V – 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 primary productivity.
2. Name a sedimentary nutrient cycle.
3. Define Natality
4. Define Synecology
5. What are Petroplants?
6. Name the gas responsible for Bhopal gas tragedy.
7. Expand NEERI.
8. What are Heliophytes?

(8x1=8)

PART B

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

9. What are Pneumatophores?
10. Write a note on smog.
11. What is food chain? What are the different types of food chain?
12. What is Blue baby syndrome?
13. Write a note on Air Prevention and Control of Pollution Act.
14. What are Biological hotspots?
15. What is primary succession?
16. What is IPCC?
17. What is ecotype?
18. Write a note on contribution of M.S Swaminathan.

(6x2=12)

PART C

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

19. Write a note on forest resources.
20. Write a note on biotic interactions.
21. Write a note on renewable and nonrenewable resources.
22. What is ozone layer? Write a note on its depletion, causes and its effects.
23. What is biodiversity? Write a note on biodiversity loss, its causes and rate of biodiversity loss.

24. Write a note on Green peace.

(4x4=16)

PART D

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

25. Write a note on water sources, methods of conservation.

26. Write a note on biogeochemical cycles.

27. Write a note on soil pollution, its causes and effects.

28. What is ecological succession? Explain the process involved and the types of succession.

(2x12=24)