

**B.VOC. DEGREE EXAMINATION, JANUARY 2019****Second Semester**

Complementary Course : INTRODUCTORY ENVIRONMENTAL STUDIES

(Common for B.Voc. Sustainable Agriculture and Food Processing Technology)

Time : Three Hours

Maximum : 80 Marks

**Part A (Very Short Answer Questions)**

*Answer all questions.  
1 mark each.*

1. Define environmental studies.
2. Give any one use of water resources.
3. What is meant by fertilizer ?
4. Define deforestation.
5. Define Biodiversity.
6. What is meant by food chain ?
7. What is consumptive use value of biodiversity ?
8. Define air pollution.
9. Give any one effect of water pollution.
10. Give an example of nuclear hazard.

(10 × 1 = 10 marks)

**Part B (Short Answer Questions)**

*Answer any eight questions.  
2 marks each.*

11. Give any two uses of mineral resources.
12. What is meant by land degradation ?
13. Write any two problems by using pesticide.
14. What are the benefits of dams ?
15. What is an abiotic component ?
16. Define forest ecosystem.
17. Define food webs?
18. What is meant by aquatic ecosystem ?

**Turn over**

19. Write any two causes of soil waste management.
20. What is the use of disaster management ?
21. Define noise pollution.
22. What is meant by industrial wastes ?

(8 × 2 = 16 marks)

### **Part C (Short Essays)**

*Answer any **six** questions.  
4 marks each.*

23. Explain the importance, of environmental studies.
24. Write a note on world food problems.
25. Briefly explain role of an individual in conservation of natural resources.
26. Give the types of grassland ecosystem.
27. Write a note on ecological succession.
28. Describe the types of desert ecosystem.
29. How to control soil pollution ?
30. Write a note on the role of an individual in prevention of pollution.

(6 × 4 = 24 marks)

### **Part D (Long Essays)**

*Answer any **two** questions.  
15 marks each.*

31. Explain the effects of Modern agriculture.
32. Describe over utilization of water resources.
33. Explain structure and function of an ecosystem.
34. Briefly explain biodiversity at global, national and local levels.
35. Discuss disaster management in floods and earthquake.

(2 × 15 = 30 marks)