

B.VOC. DEGREE EXAMINATION, AUGUST 2018**Third Semester****ENVIRONMENTAL IMPACT ASSESSMENT**

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

Time : Three Hours

Maximum : 80 Marks

Part A (Short Answer Questions)

*Answer all questions.
1 mark each.*

Write short notes on :

1. Embodied energy.
2. Objectives of rain water harvesting.
3. El Nino.
4. Chernobyl disaster.
5. CFC.
6. Environmental base map.
7. Eco mark.
8. Chemical pollutants.
9. Consumerism.
10. COD.

(10 × 1 = 10 marks)

Part B (Brief Answer Questions)

*Answer any eight questions.
2 marks each.*

11. Explain Impacts of ozone destruction.
12. What are the problems created by consumerism ?
13. Discuss the solutions for urban energy problem.
14. Briefly explain the strategies of water conservation.
15. What are the key steps in water shed management ?
16. How to achieve sustainable development.

Turn over

17. State Elements of EIA.
18. Explain nitrogen oxides as pollutants.
19. What is soil zone ?
20. What is meant by recharging ground water ?
21. Write a short note on waste land reclamation.
22. Write down the remedial measures employed to deal with oil pollution.

(8 × 2 = 16 ma

Part C

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

23. Brief note on identification and incorporation of mitigation measures.
24. Acid rain, an invisible threat ; Justify the statement.
25. Discuss about flow of energies in the Eco system.
26. Write down the different steps to be undertaken to purify surface water.
27. List out the main environmental issues faced by mega cities.
28. Explain the biological control of weeds.
29. Discuss the resettlement and rehabilitation problems and concerns of people in the area of T project.
30. Briefly explain different E I A methods.
31. Write down the important soil properties that considered in mitigation measures.

(6 × 4 = 24 ma

Part D (Long Answer Questions)

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

32. Give an assessment on river valley projects and its impact on vegetation and wild life.
33. Write down the methodologies for the assessment of soil and ground water.
34. Discuss the basic reasons for deforestation. Add a note on the consequences and impact of it.
35. Enumerate the ethical basis of environmental education and awareness. Summarise conservation ethic and traditional value system s of India.

(2 × 15 = 30 ma