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Reg. No.....

Name.....

B.VOC. DEGREE EXAMINATION, JULY 2019

Third Semester

ENVIRONMENTAL IMPACT ASSESSMENT

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

Time : Three Hours

Maximum : 80 Marks

Part A (Short Answer Questions)

*Answer all questions.
1 mark each.*

Write short notes on :

1. EMP.
2. Fukushima Daiichi disaster.
3. Eco mark.
4. EAC.
5. Impact Prediction.
6. Ozonation.
7. Aerosols.
8. Ganga Action Plan.
9. Environmental Base Map.
10. Ad-hoc methods.

(10 × 1 = 10 marks)

Part B (Brief Answer Questions)

*Answer any eight questions.
2 marks each.*

11. What is Soil Zone ?
12. Is there a link between climate change and El Nino ?
13. Why is watershed management important ?

Turn over

14. Short note on Holocaust.
15. Causes for unsustainable development.
16. Waste land reclamation.
17. Give an account on four nuclear power accidents.
18. Write down the basic principles of sustainable development.
19. List main greenhouse gases.
20. Discuss Narmada valley project impact on environment.
21. Give two examples of wildlife improvement implement by Government of India.
22. Write a short note on chipko movement.

(8 × 2 = 16 marks)

Part C

Answer any six questions.

4 marks each.

23. Explain the threats to protective effects of ozone.
24. Give an account on urban problems related to energy.
25. Write a short note on EIA methodologies.
26. Explain assessment of impact significance.
27. Discuss the sources and pollutants which leads to air pollution.
28. What is rain harvesting ? Explain its importance.
29. Explain sulphur compounds as pollutants.
30. Give an account on factors affecting E-I-A Impact Evaluation and Analysis.
31. Write down the methodology for the assessment of Impacts on surface water environment.

(6 × 4 = 24 marks)

Part D (Long Answer Questions)

Answer any two questions.

15 marks each.

32. What is meant by waste land reclamation ? List the steps to be undertaken to improve the above land systematically.
33. Give an account of the methodologies for the assessment of soil and ground water.
34. Enumerate the ethical basis of environmental education and awareness. Summarise the conservation ethic and traditional value systems of India.
35. Give an assessment on river valley projects and its impact on vegetation and wild life.

(2 × 15 = 30 marks)