

D 52264

(Pages : 2)

Name.....

Reg. No.....

**THIRD SEMESTER B.VOC. (PROGRAMME) DEGREE EXAMINATION
NOVEMBER 2018**

(CUCBCSS—UG)

Common Course

GEC 3ES 09—ENVIRONMENTAL SCIENCE (FOR AUTOMOBILE AUTO ELECTRICALS
AND ELECTRONICS, MULTIMEDIA AND SOFTWARE DEVELOPMENT, MLT)

Time : Three Hours

Maximum : 80 Marks

Draw diagrams wherever necessary.

Section A

Answer all questions.

Each question carries 1 mark.

1. Expand IUCN.
2. What is meant by desertification ?
3. The term 'ecosystem' was proposed by _____.
4. Name *two* metallic minerals.
5. Name *two* areas frequently waterlogged in India.
6. Define flood.
7. Name a biosphere reserve in India.
8. Define eutrophication.
9. World food day is observed on _____.
10. Name the 'super bug' used for cleaning oil spills.

(10 × 1 = 10 marks)

Section B

Answer any eight questions.

Each question carries 2 marks.

11. Write briefly about drought.
12. What are the effects of nuclear accidents ?
13. Give two examples for non-renewable resources.
14. Define BOD.

Turn over

15. Explain the pyramid of biomass.
16. How acid rain formed ?
17. Write on Project Tiger.
18. What are the significances of biodiversity hot spots ?
19. Differentiate herbivores and carnivores.
20. Write on abiotic components of ecosystem.
21. What are the causes of soil erosion ?
22. What is meant by grazing food chain ?

(8 × 2 = 16 marks)

Section C

*Answer any **six** questions.
Each question carries 4 marks.*

23. Distinguish between renewable and non-renewable energy sources with examples.
24. What are the problems caused by the use of pesticides ?
25. Write a note on ecological pyramids.
26. Describe a pond ecosystem.
27. Briefly explain environment protection acts.
28. Explain exsitu conservation of biodiversity.
29. Write on ecological succession.
30. Write a note on solid wastes and its management.
31. Discuss the causes and effects of ozone layer depletion.

(6 × 4 = 24 marks)

Section D

*Answer any **two** questions.
Each question carries 15 marks.*

32. Write on biogeographic classification of India.
33. Discuss the causes, effects and control measures of air pollution.
34. Write a note on biotic components of an ecosystem. Discuss the energy flow in the ecosystem.
35. Write a note on threats to biodiversity.

(2 × 15 = 30 marks)