

**D 91861**

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Name.....

Reg. No.....

**THIRD SEMESTER B.VOC. (PROGRAMME) DEGREE EXAMINATION  
NOVEMBER 2019 AND 2020**

**GEC 3ES 09/EWM 1B 01—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. Define Food Chain.
2. What is the climax community ?
3. Expand LPG.
4. Define Sewage.
5. Name the gases causing acid rain.
6. Define Flood.
7. Name one biosphere reserve in India.
8. Name two metallic minerals.
9. Define Eutrophication.
10. An eltonian pyramid is also known as —————.

(10 × 1 = 10 marks)

**Section B**

*Answer any eight questions.  
Each question carries 2 marks.*

11. What is the role of producers in an ecosystem ?
12. What is IUCN red list ?
13. What are green house gases ?
14. What are endemic species ? Give two examples.
15. Write on balanced diet.
16. What is the significance of biodiversity hot spots ?

**Turn over**

17. What are the adverse effects of noise pollution ?
18. Write on man induced landslides.
19. What are the changes caused by overgrazing ?
20. What are estuaries ?
21. What is biomagnifications ?
22. What is garbage ?

(8 × 2 = 16 marks)

### Section C

*Answer any **six** of the following.  
Each question carries 4 marks.*

23. What is soil erosion ? Write on causes and methods for prevention of soil erosion.
24. Describe a forest ecosystem.
25. Write a note on Western Ghats.
26. Write note ecological pyramids.
27. What are the causes and impacts of deforestation ?
28. Differentiate in-situ and ex-situ conservation of biodiversity.
29. Write on role of information technology in environment and human health.
30. Write on renewable, non-renewable and alternate energy sources.
31. Discuss the causes and control of water pollution.

(6 × 4 = 24 marks)

### Section D

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

32. Write on ecological succession and ecological pyramids.
33. Write a note on endangered and endemic species in India.
34. Discuss on uses and overexploitation of forest resources.
35. Discuss the role of an individual in the prevention of pollution.

(2 × 15 = 30 marks)