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Name:

Reg. No.....

SIXTH SEMESTER B.Sc. DEGREE EXAMINATION, 2020

(CUCBCSS-UG)

(Regular/Supplementary/Improvement)

CC15U GL6 E01 - ENVIRONMENTAL GEOLOGY

Geology – Elective

(2015 Admission onwards)

Time: Three Hours

Maximum: 80 Marks

Draw neat sketches wherever necessary

PART A

Answer *all* questions in one word or one sentence. Each question carries 1 mark.

1. Name a non renewable energy.
2. Sudden downward movement of rock debris is known as
3. Name a Green house gas
4. What is seismic wave?
5. The hazardous metal present in the CFLs
6. Instrument used to measure the magnitude of earthquake.
7. The most abundant gas in the atmosphere is
8. Expand IMD
9. Define natural hazard and disaster.
10. What are the physical environment?

(10 x 1 = 10 Marks)

Part B (Short Answer Type Questions)

Explain any *ten* of the following. Each question carries 2 marks.

11. Anthropogenic environment.
12. Biosphere.
13. Atmospheric divisions.
14. Sand mining.
15. Alternative energy resources.
16. Environmental hotspots.
17. Solid waste management.
18. Heavy metal pollution.
19. Impacts of deforestation.
20. Fossil fuels.

21. Lithosphere.
22. Slope stability.

(10 x 2 = 20 Marks)

Part C (Short Essay Type Questions)

Answer any *five* questions. Each question carries 6 marks.

23. Marine pollution.
24. Hydrogeological cycle.
25. Causes of landslides.
26. Saline water intrusion.
27. Causes of water pollution.
28. Ozone layer depletion.
29. Environmental impacts of urbanization.
30. Impacts of over population.

(5 x 6 = 30 Marks)

Part D (Essay Type Questions)

Answer any *two* questions. Each question carries 10 marks.

31. Explain the fundamental concepts of environmental geology.
32. Describe causes, prediction and control of earthquakes.
33. What is green house effect? Describe global warming and its impacts.
34. Describe environmental impacts of mining.

(2 x 10 = 20 Marks)
