

15U625

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Name:

Reg. No.

SIXTH SEMESTER B.Sc. DEGREE EXAMINATION, MARCH 2018

(CUCBCSS-UG)

CC15U GL6 E01 - ENVIRONMENTAL GEOLOGY

Geology - Elective

(2015 Admission)

Time: Three Hours

Maximum: 80 Marks

Draw neat sketches wherever necessary

PART - A

Answer all *ten* questions in one word or one sentence each.

1. The most abundant gas in the atmosphere.
2. A common natural hazard occur in the high land region.
3. Name a renewable energy.
4. The scale used to measure the magnitude of an earthquake.
5. The point of origin of earthquake waves is
6. The hazardous metal present in the electronic waste.
7. The giant sea waves produced due to under water earthquakes.
8. Annual rainfall in Kerala.
9. What is the pH of neutral water .
10. The landward movement of seawater is called as

(10 x 1 = 10 Marks)

PART - B

Short Answer Type Questions

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

11. Waste management.
12. Anthropogenic impacts on the atmosphere.
13. Impact of deforestation.
14. Types of fossil fuels.
15. Impact of urbanization.
16. Debris fall in Kerala.
17. Atmospheric divisions.
18. River sand mining.
19. Non-point source pollution.
20. Hydrological cycle.

21. Solar energy.
22. Environmental hotspots.

(10 x 2 = 20 Marks)

PART - C

(Paragraph Type Questions)

Describe any *five* of the following. Each question carries 6 marks.

23. Causes of saline water intrusion.
24. Prediction and control of earth quakes.
25. Pollution in the marine environment.
26. Environmental impacts of mining.
27. Impact of human population and urbanization.
28. What are the energy alternatives.
29. Anthropogenic activities in degenerating environment.
30. Explain depletion of ozone layer.

(5 x 6 = 30 Marks)

PART - D

(Essay Type Questions)

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

31. Describe causes of surface water and groundwater pollution. Add a note on the remedial measures.
32. Explain the fundamental concepts of environmental geology.
33. What is green house effect? Describe global warming and its impacts.
34. Describe mass wasting and its impacts on human. What are the factors that influence slope stability?

(2 x 10 =20 Marks)
