

19U630S

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Name:

Reg. No.....

SIXTH SEMESTER B.Sc. DEGREE EXAMINATION, APRIL 2022

(CUCBCSS-UG)

CC15U GL6 E01 – ENVIRONMENTAL GEOLOGY

(Geology – Elective Course)

(2016 to 2018 Admission - Supplementary/ Improvement)

Time: Three Hours

Maximum: 80 Marks

Draw neat diagrams wherever necessary.

Part- A

Answer **all** questions. Each question carries 1 mark.

1. Extensive planting of trees to increase forest cover is called.
2. How much of the Earth's water is stored in underground aquifer?
3. Where we can find over strained infrastructure due to population growth?
4. Which gas is responsible for global warming?
5. Body waves consist of
6. Accumulation of soil and rock debris through water in the form of one mass is called.
7. The greatest volume of waste discharge to water.
8. Is an example of fossil fuel.
9. Solid waste treatment by pyrolysis refers to
10. Smog is

(10 × 1 = 10 Marks)

Part- B

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

11. Earth's carrying capacity.
12. Sustainability.
13. Incineration.
14. Urbanisation and its effects.
15. Population explosion.
16. Rotational slide.
17. Earthquake, focus and epicenter.
18. What are the main causes of groundwater pollution?
19. Oil Spill.
20. Fossil fuels.

21. EIA
22. Energy efficiency.

(10 × 2 = 20 Marks)

Part- C

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

23. Describe on the fundamental concept of Geology.
24. Describe deforestation and its long term and short term effects.
25. Describe on causes and impacts of salt water intrusion.
26. Describe the steps involved in screening and scoping.
27. Describe on effects, prediction and control of earthquake.
28. Explain what are landfills and how do they affect the environment.
29. Explain primary and secondary air pollutants with example.
30. Explain how can renewable energy benefit the environment.

(5 × 6 = 30 Marks)

Part- D

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

31. Write an essay on Mass wasting, causes and different types of mass wasting.
32. Write an essay on marine pollution, types, causes and effects.
33. Describe various methods of waste management and its challenges.
34. Explain the causative factors of global warming and its aftereffects.

(2 × 10 = 20 Marks)
