

22U625

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Name :

Reg. No :

SIXTH SEMESTER B.Sc. DEGREE EXAMINATION, APRIL 2025

(CBCSS-UG)

(Regular/Supplementary/Improvement)

CC19U GEO6 E01 - ENVIRONMENTAL GEOLOGY

(Geology - Elective Course)

(2019 Admission onwards)

Time: 2 Hours

Maximum: 60 Marks

Credit: 3

Part A (Short answer questions)

Answer *all* questions. Each question carries 2 marks.

1. Brief on the role of human as a geologic agent.
2. What is the relation between urbanisation and population growth?
3. What is meant by solifluction?
4. Earthquake at divergent plate boundaries.
5. Write on the mitigation measures of surface water pollution.
6. What are the main cause of groundwater pollution?
7. Factors influencing saline water intrusion.
8. Major effects of marine pollution.
9. What is CFC?
10. Name any two fossil fuels.
11. What is solar energy?
12. What is EIA?

(Ceiling: 20 Marks)

Part B (Short essay questions - Paragraph)

Answer *all* questions. Each question carries 5 marks.

13. Describe in detail on the various geologic process and its impact on environment.
14. Describe on the fundamental concept of Geology.
15. Detail on the economic and disaster aspect of deforestation.
16. Write on slope strength.
17. Describe how photochemical smog is formed and its effect on atmosphere.

18. Explain global warming causes severe weather, like storms, heat waves, droughts, and hurricanes.
19. Describe why greenhouse effect is important.

(Ceiling: 30 Marks)

Part C (Essay questions)

Answer any *one* question. The question carries 10 marks.

20. Explain the statement atmospheric change as a natural process.
21. Describe various methods of waste management and its challenges.

(1 × 10 = 10 Marks)
