

20U624

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Name:

Reg.No:

SIXTH SEMESTER B.Sc. DEGREE EXAMINATION, APRIL 2023

(CBCSS - UG)

(Regular/Supplementary/Improvement)

CC19U GEO6 E01 - ENVIRONMENTAL GEOLOGY

(Geology - Elective Course)

(2019 Admission onwards)

Time : 2.00 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. Different types of mass wasting processes.
3. What are the different causes of slope failures?
4. What is meant by long term earthquake forecasting?
5. Different types of water pollution.
6. What is meant by groundwater pollution?
7. Ghyben- Herzberg relation.
8. What are the major causes of marine pollution?
9. What is Montreal protocol?
10. What was coal formed from?
11. What is tidal energy?
12. What do you mean by incineration?

(Ceiling: 20 Marks)

Part B (Short essay questions - Paragraph)

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

13. Describe on Earth system, limitations of resource and uniformitarianism.
14. Describe deforestation and its long term and short term effects.
15. Describe on urbanisation and population explosion in detail.
16. Write a short note on earthquake hazards.
17. Explain how acid rain is formed and its effects.

18. Explain how global warming causes sea level rise.

19. Explain greenhouse effect.

(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 the importance of EIA and the process involved.

(1 × 10 = 10 Marks)
