

21U624

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Name:

Reg.No:

SIXTH SEMESTER B.Sc. DEGREE EXAMINATION, APRIL 2024

(CBCSS - UG)

(Regular/Supplementary/Improvement)

CC19U GEO6 E01 - ENVIRONMENTAL GEOLOGY

(Geology - Core 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. Write on limitations of resources.
2. Define urbanisation and its effects.
3. Causes of mass wasting.
4. Differentiate between body waves and surface wave.
5. The role of microplastics in groundwater contamination.
6. Ghyben- Herzberg relation.
7. Name the layer at which ozone is present.
8. Which acid causes acid rain?
9. How is ozone protecting earth?
10. Gas molecules that absorb thermal infrared radiation and are present in large quantity to alter the climate system.
11. What do you mean by incineration?
12. What is scoping in EIA?

(Ceiling: 20 Marks)

Part B (Short essay questions - Paragraph)

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

13. Describe the role of man as ageologic agent.
14. Describe deforestation and its longterm and short term effects.
15. Describe on slope failures with neat diagram.

16. Describe on Prediction and mitigation of earthquakes.
17. Describe on marine pollution and its impact in the marine environment.
18. Explain nonrenewable energy sources.
19. Explain environmental risk of mining.

(Ceiling: 30 Marks)

Part C (Essay questions)

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

20. Write an essay on Surface water pollution. Preventive measures, control and mitigation measures of surface water pollution.
21. Explain the causative factors of global warming and its after effects.

(1 × 10 = 10 Marks)
