

19U624

(Pages: 2)

Name:

Reg.No:

SIXTH SEMESTER B.Sc. DEGREE EXAMINATION, APRIL 2022

(CBCSS - UG)

CC19U GEO6 B22 - ENVIRONMENTAL GEOLOGY

(Geology - Core Course)

(2019 Admission - Regular)

Time : 2.00 Hours

Maximum : 60 Marks

Credit : 3

Part A (Short answer questions)

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

1. Define Sustainability.
2. Long term effects of deforestation.
3. What is meant by slope stability? What are the determining factors?
4. What is meant by long term earthquake forecasting?
5. Different types of water pollution.
6. Ghyben- Herzberg relation.
7. What is meant by Marine pollution?
8. EL Nino.
9. Why CFCs are crucial in global warming along with their role in ozone depletion?
10. Gas molecules that absorb thermal infrared radiation and are present in large quantity to alter the climate system.
11. Name any two renewable energy sources.
12. Name a municipal solid waste.

(Ceiling: 20 Marks)

Part B (Short essay questions - Paragraph)

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

13. Describe on the fundamental concept of Geology.
14. Describe on the landscaping of earth due to human intervention.

15. Describe on urbanisation and population explosion in detail.
16. Write in details on mass wasting and its mitigation measures.
17. Describe ground water pollution? And its effects on the environment.
18. Describe the effects caused by the depletion of ozone layer.
19. Explain nonrenewable energy sources.

(Ceiling: 30 Marks)

Part C (Essay questions)

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

20. Describe the anthropogenic causes of air pollution and its effects
21. Describe the importance of EIA and the process involved.

(1 × 10 = 10 Marks)
