

2025

M.Sc. 1st Semester Examination
ENVIRONMENTAL SCIENCE

Paper : EVSC402X0

(Earth Processes and Environmental Geology)

Full Marks : 50

Time : Two Hours

*The figures in the margin indicate full marks.
Candidates are required to give their answers
in their own words as far as practicable.*

Illustrate the answers wherever necessary

Group - A

Answer any *four* questions : 2×4=8

1. What is biological erosion?
2. What is Richter Scale and Seismometers?
3. What is sustainable resource management?
4. What is hazard mitigation?
5. Name any two causes of floods.
6. What are nonmetallic geological resources.

P.T.O.

(2)

Group - B

Answer any *four* questions :

4×4=16

7. Briefly explain physical weathering.
8. Write a short note regarding the composition and importance of crust.
9. Briefly explain earthquakes and their effects.
10. Write a note on geological time scale.
11. Describe few environmental impacts of mining.
12. Explain the internal structure of the Earth with a neat sketch.

Group - C

Answer any *two* questions :

8×2=16

13. Discuss the continental drift theory and mountain building processes.
14. Illustrate the different stages of formation of modern atmosphere in the light of 'great oxidation event'?
15. Describe the process of weathering with suitable examples.
16. Briefly explain the causes and consequences of tsunami on coastal environment.

Internal Assessment : 10 marks
