

B.Sc. Sem.-2 Examination

CC-3 - Paper-103

Env. Science

May-2025

Time : 2-30 Hours]

[Max. Marks : 70

- Instructions:** (1) Draw figures where necessary.
 (2) Show question number against each answer.
 (3) Figures in right are marks.

Q1. Write a note on interior of Earth's crust, mantle and core. (14)

OR

Q1. (A) Explain Earth as unique celestial body. (7)

Q1. (B) Write a note on causes and remediation of natural & man-made geohazards. (7)

Q2. Detail note on classification of Rocks. (14)

OR

Q2. (A) Explain soil characteristics and its formation. (7)

(B) Explain geomorphological indicators and recurrent seismicity. (7)

Q3. Detail note on Impurities in drinking water: physical, chemical & biological. (14)

OR

Q3. (A) What are tides and ocean currents? (7)

(B) Explain Hydrological cycle and its balance. (7)

Q4. Detail note on chemical composition of Air and its particles. (14)

OR

Q4. (A) Explain thermochemical reactions in atmosphere. (7)

(B) Write a note on presence of oxygen in atmosphere. (7)

Q 5. Answer in short (any **seven**): (14)

- 1) Name of GHG gases.
- 2) What is geological formation of land?
- 3) Difference between mantle and core.
- 4) Types of rock.
- 5) Difference between ocean and glacier.
- 6) Define crystallization.
- 7) Example of Igneous rock.
- 8) Define sea floor spreading.
- 9) Define solar energy.
- 10) What are active faults?
- 11) Give the name of two air pollutants.
- 12) What is tectonic plate?