

Roll No.

Total Pages : 2

CMDQ/M-24

5565

ENVIRONMENTAL GEOLOGY (ELECTIVE)

Paper–G–404

Time Allowed : 3 Hours]

[Maximum Marks : 75

Note : Attempt **five** questions in all, selecting **one** question from each Unit. Question No. **1** is compulsory. All questions carry equal marks.

Compulsory Question

1. Brief the following : $4 \times 3\frac{3}{4} = 15$
- (a) Hydrosphere.
 - (b) Pesticides.
 - (c) Nuclear waste.
 - (d) Iron bacteria.

UNIT–I

2. Discuss the components of Environment and its principles. 15
3. Write notes on the following : 15
- (a) Ethics of Conservation.
 - (b) Effect of Increasing trend of CO₂.

UNIT–II

4. Write a note on Water quality degradation. 15
5. Discuss Hydrogeological considerations for Liquid waste disposal. 15

UNIT–III

6. Write a detailed note Energy minerals and their conservation. 15
7. Discuss land conservation in context with land use planning. 15

UNIT–IV

8. Give a detailed account of Environment impact assessment. 15
9. Write short notes on the following : $3 \times 5 = 15$
- (a) Role of Nitrogen bacteria on environment.
 - (b) Biogeochemistry of Sulfur.
 - (c) Causes of Marine pollution.