

Roll No.

Total Pages : 2

CMDQ/M-24

5579

MINING GEOLOGY

Paper–GT–803

Time Allowed : 3 Hours]

[Maximum Marks : 100

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. Write short notes on the following :
 - (a) Mine legislation.
 - (b) Open pit mining.
 - (c) Sampling in mining.
 - (d) Types of Mine waste.

UNIT-I

2. Discuss about the role of Mining in National development.
3. (a) Historical development in mining sector.
(b) Fundamentals of Mining industry.

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UNIT-II

4. Name the different surface methods of Mining and explain any one in detail.
5. (a) Mechanical extraction.
(b) Contour mining.

UNIT-III

6. What are different Geological operations in mining? Discuss bench mapping in detail.
7. (a) Mine economic appraisals.
(b) Mine plans.

UNIT-IV

8. What are the different elements of Mineral dressing?
9. (a) Mineral beneficiation.
(b) Mine safety measures.

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