

Roll No.

Total Pages : 02

CMDQ/M-20

5566

**ORE GEOLOGY AND MINERAL
ECONOMICS
G-405**

Time : Three Hours]

[Maximum Marks : 75

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

1. Write notes on the following :
 - (a) Ore bearing fluids
 - (b) Mineralogy of Iron
 - (c) Strategic minerals
 - (d) Precious and semi-precious stones.

Unit I

2. Write a note on “spatial and temporal distribution of one deposits”.
3.
 - (a) Paragenesis of ores.
 - (b) Migration of ore bearing fluids.

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Unit II

4. Describe the mineralogy, genesis, mode of occurrence, uses and Indian distribution of copper mineral.
5. Write notes on the following :
 - (a) Genesis of Aluminium.
 - (b) Uses of Silver.

Unit III

6. Discuss the importance of minerals in national economy.
7. Write notes on the following :
 - (a) Mineral transport.
 - (b) National mineral policy.

Unit IV

8. Write a note on “Project feasibility export of minerals and ores”.
9. Write notes on the following :
 - (a) Refractory and abrasive minerals.
 - (b) Changing minerals requirement in Today’s scenario.