

Roll No.

Total Pages : 2

CMDQ/M-24

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**ENERGY MINERAL RESOURCES
OF INDIA**

Paper-GT-404

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) Conventional sources of Energy.
 - (b) Rank of Coal.
 - (c) Source rock.
 - (d) Radioactivity.

UNIT-I

2. Write details on Energy mineral resources of India and their contribution to the total Energy demands of the country.
3. What are the Energy resources of India? Discuss importance of sustainable energy resources in the development of the India.

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UNIT-II

4. Discuss important Gondwana coal fields of India.
5. Comment on the following :
 - (a) Properties of Coal.
 - (b) Coal production.

UNIT-III

6. Discuss current status and future prospects of India's Oil and Gas reserve.
7. Comment on the following :
 - (a) Characteristics of Reservoir rocks.
 - (b) Secondary migration of Oil.

UNIT-IV

8. Discuss mode of Occurrence and Association of Atomic minerals in India.
9. Comment on the following :
 - (a) Peaceful uses of Nuclear energy.
 - (b) Uranium deposits in India.

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