

This question paper contains 2 printed pages]

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S. No. of Question Paper : 8004

Unique Paper Code : 2193010016

Name of the Paper : Mineral Resources and Economics

Type of the Paper : DSE 12(i)

Name of the Course : B.Sc. (Hons.) Geology

Semester : VIII

Duration : 3 Hours

Maximum Marks : 90

(Write your Roll No. on the top immediately on receipt of this question paper.)

Attempt any five questions.

All questions carry equal marks.

1. How are mineral deposits classified on the basis of processes of their formation ?
Explain what strategies are applied for their exploration ?
2. Explain the distribution of economic mineral resources in India. Discuss the reserves, grade and mineralogical characteristics of major mineral deposits.
3. Define resource and reserve. What are possible and probable resources ?
Explain with suitable illustration.
4. What do you understand by volatility in market in terms of mineral commodities ? Explain with suitable examples.
5. Describe the global distribution of major mineral deposits and their economic significance.

P.T.O.

6. Explain the objectives and salient features of the National Mineral Policy. How does it contribute to sustainable mineral development ?
7. Describe the principles and processes of mineral beneficiation and its economic importance.
8. Describe the United Nations Framework Classification (UNFC) system for mineral resources.