

**General Instructions: -**

- I. Answer to questions carrying 1 mark should not exceed 20 words.
- II. Answer to questions carrying 3 marks should not exceed 60-80 words.
- III. Answer to questions carrying 4 marks should not exceed 80-100 words.
- IV. Maps should be securely tied in the middle of the answer scripts.
- V. Attempt all parts of the question together.

1. Why are minerals found in varied forms? [1]
2. Write one point of similarity and one point of difference between magnetite and Hematite. [1]
3. Which factors decide the method of mining and cost of extraction of the minerals? [1]
4. Describe the classification of minerals on the basis of general and commercial purpose. [3]
5. Why do we need energy? How is it generated? What are the different types of energy resources? [4]
6. Describe the steps that should be taken by us for conservation of energy resources? [4]
7. On the outline map of India, mark and locate the following places? [4]
  - (a) Thermal Power Plant - Barauni
  - (b) Narora Nuclear power station
  - (c) Raniganj Coal field
  - (d) Ankaleshwar oil field

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