

Model Question Paper SET1
Paper : MJ5 (GEOTOURISM & GEOHERITAGE STUDIES)
Subject : Geology

Full Marks: 75

Time: 3 hours

Group A

(Short answer-type compulsory questions)

Q1. Fill in the blanks: [5x1=5]

- a) The five elements are Earth, Water, Fire, Air, and _____
- b) The process of extracting metals from ores is called _____
- c) The search for mineral deposits is known as _____.
- d) Traditional Indian stepwells are known as _____
- e) Conservation of geological sites promotes _____ tourism

Q2. Explain the concept of Indian Knowledge System (IKS) in environmental conservation. [5]

Q3. Define geoheritage and explain its importance. [5]

Group B [4 X 15]

Answer any four

(Subjective/ Descriptive questions)

Q4. Describe any five major geoheritage sites in India.

Q5. Explain the concept of geomorphology with suitable examples from Indian culture.

Q6. Discuss the role of geology in nation-building.

Q7. Describe India's leadership in zinc production during the medieval period.

Q8. Describe the traditional water management systems of India, including stepwells (Baolis), Johads, and tank irrigation.

Q9. Write short note on the following:

- i. Key contributions of renowned geologists
- ii. alloying techniques.
- iii. Major geological institutions in India

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