

Model Question Paper SET2

Paper : MJ9 (ECONOMIC AND MINING GEOLOGY)

Subject : Geology

Full Marks: 75

Time: 3 hours

Group A

(Short answer-type compulsory questions)

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

- a) A naturally occurring mineral deposit from which a valuable metal can be extracted economically is called an _____
- b) The proportion of valuable metal present in an ore is called its _____
- c) The principal ore of aluminium is _____.
- d) _____ is widely used as a refractory material
- e) Mining in which the deposit is extracted from the Earth's surface is called _____ mining.

Q2. Describe the hydrothermal process of ore formation. [5]

Q3. Discuss Mining hazards. [5]

Group B [4 X 15]

Answer any four

(Subjective/ Descriptive questions)

Q4. Discuss the common forms and structures of ore deposits with suitable diagrams.

Q5. Explain oxidation and supergene sulphide enrichment with suitable diagrams

Q6. Describe the origin, occurrence and distribution of coal in India

Q7. Describe the important building stones of India.

Q8. Describe surface mining methods with suitable diagrams

Q9. Write an essay on strategic, critical and essential minerals and their importance to India.

Mr.Kalyan Roy
Assistant Professor
Department of Geology
P.P.K. College , Bundu