

22108

24225

3 Hours / 70 Marks

Seat No.

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- Instructions* – (1) All Questions are *Compulsory*.
(2) Answer each next main Question on a new page.
(3) Illustrate your answer with neat sketches wherever necessary.
(4) Figures to the right indicate full marks.
(5) Assume suitable data, if necessary.
(6) Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall.

Marks

- 1. Attempt any FIVE of the following:** **10**
- a) Define “Minerology”.
 - b) Define “Streak”.
 - c) Define “Erosion and Weathering”.
 - d) Define “Extrusive Rock”.
 - e) Define “Dynamothermal Metamorphism”.
 - f) Define “Outlier and Inlier”.
 - g) Define “Rank of Coal”.

P.T.O.

- 2. Attempt any THREE of the following:** **12**
- a) Describe “Interior of Earth”.
 - b) Describe “Moh’s Scale of Hardness”.
 - c) Describe “Classification of Volcanos”.
 - d) Describe “Structures of Metamorphic Rocks”.
 - e) Describe “Uniconformities”.
- 3. Attempt any THREE of the following:** **12**
- a) Explain commercial classification of coal.
 - b) Describe classification of metamorphic rocks.
 - c) Explain characteristics of contour lines.
 - d) Describe Geological work of wind/stream.
 - e) Classify ‘Igneous Rocks’
- 4. Attempt any THREE of the following:** **12**
- a) Describe classification of “Sedimentary Rocks”.
 - b) Describe classification of either “Folds” or “Faults”.
 - c) Describe structures of “Metamorphic Rocks”.
 - d) Describe origine of “Coal”.
 - e) Elaborate structural feature of coal seam.
- 5. Attempt any TWO of the following:** **12**
- a) Classify Theories regarding “Origine of Earth” and describe modern theory of origine of Earth.
 - b) Describe classification of minerals.
 - c) Describe either “Cubic” or “Hexagonal” crystal system in details.
- 6. Attempt any TWO of the following:** **12**
- a) Compare physical and chemical weathering.
 - b) Compare folds with faults.
 - c) Describe procedure of “Drawing Geological section map”.
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