

# 22108

**22223**

**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 answers with neat sketches wherever necessary.
  - (4) Figures to the right indicate full marks.
  - (5) Assume suitable data, if necessary.
  - (6) Use of Non-programmable Electronic Pocket Calculator is permissible.
  - (7) 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 Geology.
  - b) Define strike.
  - c) Define Erosion and weathering.
  - d) Define Igneous Rocks.
  - e) Define Strike and Dip.
  - f) Name various types of Coal.
  - g) List four characteristics of Sedimentary Rock.

P.T.O.

- 2. Attempt any THREE of the following:** **12**
- a) Describe “Continental Drift theory”.
  - b) Compare “Colour” and “streak”.
  - c) Describe “Sand dunes”.
  - d) Classify “Sedimentary Rocks”.
  - e) Compare “Anticline” and “Syncline”.
- 3. Attempt any THREE of the following:** **12**
- a) Describe “Banded Constituent of Coal”.
  - b) Illustrate with Diagram “Interior of Earth”.
  - c) Describe properties of Quartz group.
  - d) Describe Classification of “Earthquakes”.
  - e) Describe various structures of Igneous Rock.
- 4. Attempt any THREE of the following:** **12**
- a) Describe structures of “Metamorphic Rock”.
  - b) Describe classification of either Folds or Faults.
  - c) Describe classification of “Unconformity”
  - d) Describe structural features of “Coal Seam”.
  - e) Illustrate various Intensity Scales of Earthquake.
- 5. Attempt any TWO of the following:** **12**
- a) Describe any two theories regarding origine of Earth.
  - b) Describe various chemical properties of Minerals.
  - c) Describe various types of volcanic eruptions.
- 6. Attempt any TWO of the following:** **12**
- a) Describe various forms of “Igneous Rocks”.
  - b) Justify Field evidences for Recognition of faults in the field.
  - c) Describe procedure of drawing Geological Section maps.
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