

22108

11920

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.
 - (8) Use of Steam tables, logarithmic, Mollier's chart is permitted.

Marks

1. Attempt any FIVE of the following:

10

- a) Define Geology.
- b) Define Hardness.
- c) Define Earthquake and Volcano.
- d) Define metamorphic rock.
- e) Define strike and dip.
- f) Enlist type of coal.
- g) Enlist four type of sedimentary rocks.

P.T.O.

- 2. Attempt any THREE of the following: 12**
- a) Describe the age of Earth.
 - b) Enlist the various physical properties of minerals and describe any one of them.
 - c) Describe the causes of Earthquake.
 - d) Classify igneous rock.
 - e) Compare between anticlines and synclines fold.
- 3. Attempt any THREE of the following: 12**
- a) Illustrate with neat sketch interior of Earth.
 - b) Describe structure of sedimentary rocks.
 - c) Describe the procedure of recognition of unconformity in the field.
 - d) Describe chemical constituents of coal.
 - e) Describe the rank of coal.
- 4. Attempt any THREE of the following: 12**
- a) Describe continental drift theory.
 - b) Enlist various crystal system, describe any one of them.
 - c) Illustrate various intensity scale of Earthquake.
 - d) Describe the structure of metamorphic rock.
 - e) Describe classification of fold.

5. Attempt any TWO of the following:**12**

- a) Describe cubic system with neat sketch.
- b) Describe classification types of Erruption of volcano.
- c) Describe various forms of igneous rocks.

6. Attempt any TWO of the following:**12**

- a) Describe classification of uncontermity.
 - b) Describe procedure of drawing Geological section map.
 - c) Describe origine of coal.
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