

Model Question Paper SET3

Paper : MJ1 (EARTH SCIENCE SYSTEM)

Subject : Geology

Full Marks: 75

Time: 3 hours

Group A

(Short answer-type compulsory questions)

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

- a) Point at the surface above of origin of the Earthquake is called
- b) The thickest layer in the interior of the Earth is.....
- c) The angle between bedding plane and the horizontal plane is called.....
- d) Erathem ,, series, stage and zone are lithostratigraphic units.
- e) Average equatorial radius of Earth is.....km

Q2. Write a note on physical weathering. [5]

Q3. Describe internal structure of the Earth with diagram (Chemical classification). [5]

Group B [4 X 15]

Answer any four

(Subjective/ Descriptive questions)

Q4. Discuss fold morphology and geometric classification of folds or fault.

Q5. Write a note on Volcanoes and its types with diagram.

Q6. Discuss different types of plate boundaries with diagram.

Q7. Write a note on geological time scale.

Q8. Discuss different forms of Igneous bodies.

Q9. Write short note on any 3 of the following:

- i. faunal succession
- ii. Outlier and inlier.
- iii. Clinometer compass and its use
- iv. Joints and their geometric classification
- v. Soil formation

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