

Model Question Paper SET2

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) Age of the Earth isMA
- b) Point of origin of the Earthquake is called
- c) The only liquid layer in the interior of the Earth is.....
- d) The angle between bedding plane and the horizontal plane is called.....
- e) Erathem , System ,, stage and zone are lithostratigraphic units.

Q2. Discuss Earthquake and its causes. [5]

Q3. Write a note on Soil and soil profile with diagram. [5]

Group B [4 X 15]

Answer any four

(Subjective/ Descriptive questions)

Q4. Discuss fold morphology and geometric classification of folds.

Q5. Discuss Unconformity and its types with diagram.

Q6. Discuss concepts of Isostasy.

Q7. Describe the origin of hydrosphere and Atmosphere in Earth.

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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