

Model Question Paper SET1

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) Average radius of Earth is.....km
- b) Point on the surface of the Earth just above the origin of earthquake is called.....
- c)is breakdown and deterioration of rocks and minerals by natural elements.
- d) Eon, Era,, Epoch and Age are standard stratigraphic time scale.
- e) The cross cut relation is shown by form of Igneous bodies.

Q2. Define dip and strike of an inclined bedding plane. [5]

Q3. Write a note on Volcanoes and its type. [5]

Group B [4 X 15]

Answer any four

(Subjective/ Descriptive questions)

Q4. Write a note on Causes of Fault and geometric classification of faults.

Q5. Write a note on Geological time Scale.

Q6. Write a note on different plate boundaries.

Q7. Discuss Weathering.

Q8. Discuss about the origin of universe and our planet Earth

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

- i. Laws of superposition
- ii. Concepts of uniformitarianism.
- iii. Internal Structure of the Earth
- iv. Geology and its branches
- v. Composition of Earth

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