

B.Sc. (C.B.C.S. Pattern) Sem-II
USGEOT03 - Geology Paper-I (General Geology)

P. Pages : 1

Time : Three Hours



GUG/S/19/11582

Max. Marks : 50

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- Notes : 1. All questions are compulsory and carry equal marks.
2. Draw neat sketches wherever necessary.

1. Describe in brief Rb-Sr method and K-Ar method of radiometric age determination.

OR

Give an account of the following:-

- a) Super Nova hypothesis
- b) Gas, dust cloud hypothesis

2. Give an account of interior of the earth on the basis of seismological evidences.

OR

Describe the following:-

- a) Pratt's hypothesis
- b) Airy's hypothesis

3. What are mountains? Describe various types of mountains.

OR

Write notes on the following:-

- a) Eugeosyncline and miogeosyncline
- b) Evidences of elevation and depression of land

4. Describe in brief theory of continental drift.

OR

Give an account of the following:-

- a) Midoceanic ridges
- b) Oceanic trenches

5. Write on the following in not more than two sentences solve **any ten**.

- a) Earth's magnetic field.
- b) Magnetic variation.
- c) Half life period.
- d) Climatic indicators.
- e) Glacioenstary.
- f) Palaeoclimates.
- g) Orogeny
- h) Name any two continents.
- i) Name any two oceans
- j) Subduction zone
- k) Convergent plate boundary
- l) Divergent plate boundary
