

B.Sc. (With Credits)-Regular-Semester 2012 Sem II
2SGeo-T1-Geology-I : Paper-I (General Geology)

P. Pages : 2

Time : Three Hours



GUG/W/16/5577

Max. Marks : 50

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

1. Write notes on the following:-

- a) Rb-Sr method
- b) K-Ar method

OR

Write notes on:-

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

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

OR

Write an essay on Wegener's theory of continental drift.

3. Describe the following:-

- a) Kant and Laplace hypothesis.
- b) Mantle.
- c) Diastrophism.
- d) Continent-continent collision.

OR

Write notes on the following:-

- e) Jean and Jeffrey's hypothesis.
- f) Crust.
- g) Miogeosyncline.
- h) Mid-oceanic ridges.

4. Write short notes on:-

- a) Uranium method.
- b) Ice ages.
- c) Eugeosyncline.
- d) Island arcs.

OR

Describe the following:-

- e) C^{14} method.
- f) Core.
- g) Indicators of paleoclimate.
- h) Significance of mid-oceanic trenches.

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

- a) Half life
- b) Big-bang
- c) Isotope
- d) Gutenberg's discontinuity.
- e) Sial
- f) Glacioeustatism
- g) Geanticline
- h) Crustal deformation
- i) Platform
- j) Subduction zone
- k) Submarine volcano
- l) Ring of fire.
