

Bachelor of Science (B.Sc.) Semester-I (C.B.S.) Examination
GEOLOGY (INTRODUCTION TO GEOLOGY)
Compulsory Paper—1

Time : Three Hours]

[Maximum Marks : 50

N.B. :— (1) All questions are compulsory and carry equal marks.

(2) Draw neat sketches wherever necessary.

1. (A) Give an account of Atmosphere and Hydrosphere.

OR

(B) Draw a neat sketch of solar system and describe various characters of inner planets.

2. (A) What is an earthquake ? Describe causes and effects of earthquake.

OR

(B) Describe solid and liquid products of volcano.

3. (A) Describe any two modern theories regarding origin of earth.

OR

(B) Give an account of Potassium-Argon method and Carbon dating method.

4. (A) Describe with neat sketches Airy's and Pratt's hypothesis regarding Isostasy.

OR

(B) Give an account of continental drift theory.

5. Write on the following in not more than two sentences each (Solve any **ten**) :

(A) Geomorphology

(B) Comets

(C) Name any two satellites of Jupiter

(D) Vesuvian eruption

(E) Active Volcanoes

(F) Volcanic Crater

(G) Gutenberg discontinuity

(H) Conrad discontinuity

(I) Half life period

(J) Interglacial period

(K) Paleoclimates

(L) Pleistocene glaciation.