

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) Distinguish between following pairs :

- (i) Outer Planets and Inner Planets
- (ii) Sial and Sima.

OR

(B) Give an account on any five branches of Geology.

2. (A) Distinguish between following pairs :

- (i) Primary waves and Secondary waves
- (ii) Central eruption and Fissure eruption.

OR

(B) Give an account of solid and gaseous products of Volcano.

3. (A) Describe any two radiometric age determination methods with their merits and demerits.

OR

(B) Describe interior of earth on the basis of seismology.

4. (A) Give an account of Isostasy.

OR

(B) Give an account of Continental drift.

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

- (A) Troposphere
- (B) Name any two asteroids
- (C) Biosphere
- (D) Stratovolcano
- (E) Focus of an earthquake
- (F) Aa lava
- (G) Half life period
- (H) Super Nova
- (I) Nebula
- (J) Interglacial period
- (K) Glacioenstasy
- (L) Paleoclimates.