

Bachelor of Science (B.Sc.) Semester—III (C.B.S.) Examination
GEOLOGY (Sedimentary and Metamorphic Petrology)

Paper—II

Time : Three Hours]

[Maximum Marks : 50

Note :— (1) **ALL** questions are compulsory and carry equal marks.

(2) Draw neat sketches wherever necessary.

1. (A) Describe various processes involved in the formation of clastic Sedimentary rocks.

OR

(B) Give an account of major primary structural features of Sedimentary rocks.

2. (A) Describe chemical sedimentary deposits.

OR

(B) Give an account of organic Sedimentary deposits.

3. (A) Give a brief account of process of Metamorphism, touching briefly the agents involved in metamorphic changes.

OR

(B) Describe any five metamorphic structures with neat diagrams.

4. (A) Give an account of Metamorphic Zones.

OR

(B) Give an account of facies of Metamorphism.

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

- (A) Non clastic texture
- (B) Allogenic minerals
- (C) Mud cracks
- (D) Graywacke
- (E) Breccias
- (F) Terra Rosa
- (G) Contact Metamorphism
- (H) Relict texture
- (I) Name any two foliated rocks
- (J) Migmatite
- (K) Lit-Par-Lit injections
- (L) Name any two high grade metamorphic rocks.