

**Bachelor of Science (B.Sc.) Semester-III (C.B.S.) Examination**  
**GEOLOGY**  
**Paper-II**  
**(Sedimentary & Metamorphic Petrology)**

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) Describe major structural features of sedimentary rocks with neat sketches.

**OR**

(B) Describe minor structural features of sedimentary rocks with neat sketches.

2. (A) Give an account of chemical sedimentary deposits.

**OR**

(B) Give an account of organic sedimentary deposits.

3. (A) Describe with neat sketches any four structures of metamorphic rocks.

**OR**

(B) Describe in brief any four types of metamorphism.

4. (A) Give an account of facies of metamorphism.

**OR**

(B) Give an account of zones of metamorphism.

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

(A) Diagenesis.

(B) Clastic texture.

(C) Non clastic texture.

(D) Rudaceous rocks.

(E) Travertine.

(F) Bauxite.

(G) Marble.

(H) Name any two agents of metamorphism.

(I) Palimset texture.

(J) Name any two low grade metamorphic rocks.

(K) Metasomatism.

(L) Migmatite.