

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

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 various processes involved in the formation of sedimentary rocks.

**OR**

(B) Describe major primary structural features of rocks.

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

**OR**

(B) Describe Chemical sedimentary deposits.

3. (A) Describe various textures of metamorphic rocks.

**OR**

(B) Give an account of any four metamorphic rocks.

4. (A) What is Metamorphism ? Give an account of Depth Zones of metamorphism..

**OR**

(B) Give an account of facies of metamorphism.

5. Write on the following in not more than **TWO** sentences (solve any **TEN**) :—

(A) Mud Cracks

(B) Non clastic texture

(C) Rain Prints

(D) Graywacke

(E) Conglomerates

(F) Argillaceous rocks

(G) Radiolarian Ooze

(H) Guano

(I) Lignite

(J) Isograd

(K) Index Minerals

(L) Granitisation.