

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.