

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) Give an account of sedimentary textures and mineralogy of sedimentary rocks.

OR

(B) What are sedimentary rocks ? Give an account of their formation.

2. (A) Give an account of clastic sedimentary rocks.

OR

(B) Describe residual sedimentary deposits.

3. (A) What is metamorphism ? Give an account of any four kinds of metamorphism.

OR

(B) Describe any five metamorphic rocks.

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

OR

(B) What is metasomatism ? Give an account of various processes involved in pneumatolytic metasomatism.

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

(A) Stratification.

(B) Graded bedding.

(C) Ripple marks.

(D) Concretions.

(E) Bog iron ore.

(F) Guano.

(G) Maculose structure.

(H) Gneissose structure.

(I) Chemically active reagents.

(J) Granitisation.

(K) Ptygmatic folding.

(L) Green-schist facies.