

Fourth Semester B. Sc. Examination

GEOLOGY

Paper – I

(Palaeontology)

Time : Three Hours]

[Max. Marks : 50

N. B. : (1) All questions are compulsory.
(2) All questions carry equal marks.
(3) Draw neat sketches wherever necessary.

1. Give a brief account of various modes of preservations of fossil.

OR

Discuss in detail various uses of fossils.

2. Give an account of Morphological features of Brachiopoda and add a note on its geological distribution.

OR

Describe the morphological characteristics of Gastropoda and add a note on its geological distribution.

3. (A) Describe the Morphological Characters of Graptolitoidea and add a note on its geological distribution.

OR

Describe the following :—

(B) Reproduction in foraminifera.
(C) Geological distribution of foraminifera.

4. Give a brief account of Morphological features of Echinoidea and add a note on its geological distribution.

OR

Describe the following :—

(A) Glossopteris.
(B) Vertebraria.
(C) Ptilophyllum.
(D) Lepidodendron.

5. Write on the following in not more than **two** sentences (Solve any **ten**) :—
(A) Define a fossil.
(B) Micropalaeontology.
(C) Gastridites.
(D) Camerae.
(E) Ceratitic Suture.
(F) Goniatic Suture.
(G) Medusa.
(H) Corallite.
(I) Calyx.
(J) Cephalicshield.
(K) Axial Furrow.
(L) Thorax.