

KNT/KW/16/5148

Bachelor of Science (B.Sc.) Semester—IV (C.B.S.) Examination

GEOLOGY (Palaeontology)

Paper—I

Time : Three Hours]

[Maximum Marks : 50

N.B. :— (1) **ALL** questions are compulsory and carry equal marks.

(2) Draw neat sketches wherever necessary.

1. Describe the following :
 - (A) Mode of Preservation of Fossils
 - (B) Evolution of Life.

OR

Describe the following :

- (C) Uses of Fossils
 - (D) Micro Palaeontology and its applications.
2. Describe the morphological characters, classification and geological distribution of Bivalvia.

OR

Describe the morphological characters, classification and geological distribution of Cephalopoda.

3. Describe the following :
 - (A) Classification of Anthozoa
 - (B) Dimorphism in foraminifera.

OR

Describe the following :

- (C) Classification of Graptoloidea
 - (D) Zaphrentis.
4. Describe the Morphological characters, classification and geological distribution of Trilobita.

OR

Describe the morphology, classification and geological distribution of Echinoidea.

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

- (A) Name any two uses of fossil
- (B) Palaeoclimatology
- (C) Palaeoecology
- (D) Umbo
- (E) Hinge line
- (F) Columella
- (G) Calyx
- (H) Hydrotheca
- (I) Rhabdosome
- (J) Name any two Upper Gondwana plants
- (K) Ptilophyllum
- (L) Geological time range of glossopteris.