

B.Sc Semester-6 Examination

CC 309

Geology

April-2024

Time : 2-30 Hours]

[Max. Marks : 70

Instructions: (i) Draw neat diagrams whenever necessary.
(ii) Write proper answer number.

Q-1. Explain morphological characters, geological time range and Indian horizon of typical Octacorallia fossil shell. (14)

OR

Q-1. (a) Significance of Radiolaria study. (07)

(b) Geological distribution of Nummulites. (07)

Q-2. Describe with labelled sketch the morphological characters of a Paradoxide. (14)

OR

Q-2. (a) Draw a labelled sketch of a typical rhabdosome and give its classification. (07)

(b) Discuss controversy in classifying Hemichordate. (07)

Q-3. Give classification and morphological characters of the phylum Echinodermata. (14)

OR

Q-3. (a) Morphological characters of a brachiopod fossil shell. (07)

(b) Geological distribution of Brachiopoda and Crinoidea. (07)

Q-4. Write detail an account on history, development and significance of micropaleontology. (14)

OR

Q-4. (a) The rise and fall of Amphibia groups. (07)

(b) Geological distribution of Reptiles and Aves. (07)

Q-5. **Attempt any seven questions out of twelve.** (14)

(i) Give details of Tetracorallia with geological time scale.

(ii) What you know about Heliopora and Tubipura?

(iii) Write geological time range and Indian horizon of Foraminifera.

(iv) Name the Indian horizon of Hemichordate.

(v) Define fulcrum and pleurae.

(vi) Mention geological distribution of phylum of Calymene.

(vii) Mention geological distribution of Encrinurus.

(viii) Define mamelon and boss.

(ix) Define deltidium and delthyrium.

(x) Explain stratigraphy of Conodonts.

(xi) Mention Geological distribution of the Ostracods.

(xii) Write two Mammalian characters.