

B.Sc. Semester-5 Examination

CC 304

Geology

March-2024

Time : 2-30 Hours]

[Max. Marks : 70

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

Q-1 Write an explanatory note on rock suits and petrographic provinces. (14)

OR

Q-1 (a) Palaeogeographic conditions. (07)

(b) Important stratigraphic sections of India. (07)

Q-2 Write a note on correlation of Palaeozoics of India with its world equivalents. (14)

OR

Q-2 (a) Palaeogeography of Cenozoic era. (07)

(b) Life forms of Cambrian and Ordovician. (07)

Q-3 Discuss the occurrences of Vindhyan system in India. (14)

OR

Q-3 (a) Bijawar series and Gwalior series. (07)

(b) Bengal gneiss and Bundelkhand gneiss. (07)

Q-4 Write a note on Gondwana system with reference to origin, climatic vicissitudes, life and classification. (14)

OR

Q-4 (a) Sandstone formations of Gujarat. (07)

(b) Infra-trappean beds. (07)

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

(i) Define index fossils. Give one example.

(ii) What is type area? State the type area for Tertiary.

(iii) Write two names of books with authors for Geology of India.

(iv) State the world equivalent for lignite deposits.

(v) Name the orogeny of lower Palaeozoic.

(vi) State the periods of Mesozoic era.

(vii) Give the mineral composition of Gondite.

(viii) State the economic significance of Singhbhum-Orissa area.

(ix) Name the series of Delhi system.

(x) Name the Mesozoic formations for the Geology of Kachchh.

(xi) How transgressive deposits differs from normal marine sequence?

(xii) State the fossils of Cuddalore series.