

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.