



বিদ্যাসাগর বিশ্ববিদ্যালয়
VIDYASAGAR UNIVERSITY
Question Paper

B.Sc. Honours Examinations 2022

(Under CBCS Pattern)

Semester - IV

Subject : GEOLOGY

Paper : C 9-T

Principles of Stratigraphy and Precambrian Stratigraphy of India

Full Marks : 40

Time : 2 Hours

Candidates are required to give their answers in their own words as far as practicable.

The figures in the margin indicate full marks.

Answer any **four** of the following questions :

5×4=20

1. Write a note on different kind of unconformities with proper diagram.
2. What is the relation between progradation, aggradation and retrogradation?
3. Write a short note on Walther's law.
4. Write the geochemical characteristics of Singbhum granite.
5. Distinguish between transgression and regression.
6. Describe about lithological variation in Eastern Ghats Mobile belt.

P.T.O.

2. Answer any **two** of the following questions :

10×2=20

1. (a) Write the stratigraphic succession of Singbhum craton. 5
(b) Discuss about the depositional environment of Chitradurga and Bababudan basin in Dharwar craton in Archean time. 5
 2. (a) Write the stratigraphic succession of Cuddapah basin. 6
(b) Discuss about the depositional environment of Cuddapah basin. 4
 3. Write a short note on different type of zones in biostratigraphy. 10
 4. Describe about different types of lateral and vertical facies variation in lithostratigraphy. 10
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