



UNIVERSITY OF NORTH BENGAL
B.Sc. Honours 4th Semester Examination, 2021

CC9-GEOLOGY

PRINCIPLES OF STRATIGRAPHY AND INDIAN STRATIGRAPHY

Full Marks: 40

ASSIGNMENT

*The questions are of equal value.
The figures in the margin indicate full marks.*

Answer any four questions from the following

10×4 = 40

1. Write a short note on International Stratigraphic Code. Describe litho- and bio-stratigraphic correlation. 5+5
2. Describe Palaeozoic stratigraphy of Spiti and Kashmir with similarities and dissimilarities in their depositional environment through time. 5+5
3. Discuss the characteristics of Gondwana Supergroup. Describe the lithostratigraphy of Gondwana of Damodar valley. 5+5
4. Name the principal lithological associations of Singhbhum Craton. Write the recent most stratigraphic succession of Singhbhum Craton. Describe briefly the different units of the Singhbhum Granite. 3+4+3
5. Distinguish between the stratigraphic successions of West Dharwar Craton (WDC) and East Dharwar Craton (EDC). Name the stratigraphic unit separating these two. Compare between the basements of WDC and EDC. 4+2+4

—x—