



UNIVERSITY OF NORTH BENGAL
B.Sc. Honours 3rd Semester Examination, 2020

CC7-GEOLOGY
PALAEONTOLOGY

Full Marks: 40

ASSIGNMENT

The figures in the margin indicate full marks.

Answer any four questions from the following

10×4 = 40

1. Fossil record is imperfect. Analyse this statement. What are the different modes of fossilization? 5+5
2. How can ancient fossil record be used to analyse the Earth-Moon-Sun system? 10
3. Discuss the difference between bivalve and brachiopod in terms of their morphology. Discuss with example. 10
4. (a) Briefly explain Ecdysis and Ontogeny of Trilobites. 5
(b) Comment on the ecology of Brachiopods. 5
5. (a) Briefly explain CCCD and its importance in distribution of marine organisms. 5
(b) What are Index fossils and what is their importance? Give some examples of Index fossils. 5
6. What are Trace fossils? What are the different types of trace fossils? How can fossil records help analyse continental drift theory? 2+4+4

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