



**UNIVERSITY OF NORTH BENGAL**

B.Sc. Honours Part-III Examination, 2021

**GEOLOGY**

**PAPER-XI**

**PALAEONTOLOGY**

Full Marks: 50

**ASSIGNMENT**

*The figures in the margin indicate full marks.*

1. Answer any **four** from the following. All questions carry equal marks. 12  $\frac{1}{2}$   $\times$  4 = 50
- (a) Give an overview of the nature of fossil record.
  - (b) Express your idea on Continental drift and fossil record.
  - (c) Give an overview of the so-called biological arms race of the Mesozoic era.
  - (d) Explain your view of the concept of 'Exaptation'.
  - (e) How did the earliest ancestors of fishes evolve to land? Use illustration if needed.
  - (f) Differentiate between macroevolution and microevolution. Outline Darwinian notion of evolution in brief.

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