

PAPER-II: PALAEOLOGY

Time: 3 hrs

MM 50

UNIT-I

Definition, subdivisions of Paleontology and its relation with allied subjects. Fossils, their modes of preservation. Uses of fossils. Habitats and Habits. Elementary ideas of organic evolution. Classification and Nomenclature.

UNIT-II

Morphology and geological distribution of Foraminifera, Graptoloidea and Echinoidea.

UNIT-III

Morphology and geological distribution of Gastropoda, Pelecypoda and Cephalopoda.

UNIT-IV

Morphology and geological distribution of Brachiopoda, Corals and Trilobita.

UNIT-V

Elementary knowledge of Gondwana plant fossils. Vertebrate fossils of Siwaliks of India. Evolutionary history of man.