

Paper–III: STRATIGRAPHY

Time: 3 hrs

MM 50

UNIT-I

Principles of stratigraphy. Stratigraphic classification. Stratigraphic correlation. Problems of Early Precambrian stratigraphy. Brief idea about the process of early crustal evolution. Major Precambrian Provinces of India. Physical division of India and their characteristics.

UNIT-II

Geological Time Scale and its equivalent formations in India. Precambrian stratigraphy of Rajasthan, Central India, Jharkhand, Bihar, Orissa, Eastern Ghat and Southern India.

UNIT–III

Middle and Late Proterozoic platforms; Cuddapah, Vindhyan and their equivalents. Precambrian belts of extra -Peninsular region.

UNIT–IV

Geology of Gondwana Supergroup and Palaeozoic stratigraphy of India, their distribution, division, lithology, fossil content and economic importance.

UNIT–V

Mesozoic and Cenozoic geology of India, their distribution, division, lithology and fossil content.