

M.Sc. (Geology) (NEP Pattern) Semester-I
NEP-54-1 / PSCGEOE-1 - Stratigraphy and Indian Geology

P. Pages : 2

Time : Three Hours



GUG/S/25/15106

Max. Marks : 80

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- Notes : 1. All questions are compulsory and carry equal marks.
2. Draw neat sketch wherever necessary.

- 1.** Describe the Litho, Bio and Chrono Stratigraphy in details. **16**

OR

Write Short notes on

- a) Precambrian chronostratigraphy of Eastern Ghat Mobile Belt. **4**
- b) Precambrian chronostratigraphy of Aravalli Craton **4**
- c) Event-Stratigraphy **4**
- d) Chemo-Stratigraphy **4**

- 2.** Discuss proterozoic stratigraphy of Cuddapah Supergroup. **16**

OR

Write Short notes on

- a) Vindhyan Supergroup **4**
- b) Godavari Supergroup **4**
- c) Fauna of Gondwana Supergroup **4**
- d) Precambrian/Cambrian boundary **4**

- 3.** Describe the Jurassic systems in the major basins of India. **16**

OR

Write Short notes on

- a) Fauna of Cretaceous system **4**
- b) Stratigraphy of Deccan Trap **4**
- c) Permian/Triassic boundary **4**
- d) Flora of Triassic **4**

4. Describe in details the Palaeogene systems in India. **16**

OR

Write Short notes on

- a) Classification of Neogene system **4**
- b) Epoch boundaries of the Cenozoic in India **4**
- c) Cretaceous/Tertiary boundary **4**
- d) Paleogene/Neogene boundary. **4**

5. Write short notes on **16**

- a) Stratigraphic correlations
- b) Singhbhum craton
- c) Paleogeography
- d) Paleoclimate
- e) Fauna of Triassic
- f) Flora of Cretaceous system
- g) Quaternary systems
- h) Cenozoic
