

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

P. Pages : 2

Time : Three Hours



**GUG/W/24/15106**

Max. Marks : 80

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

- 1. Discuss the Precambrian chronostratigraphy of Dharwar Craton and Bastar Craton. 16**

**OR**

Write short notes on:

- a) Litho Stratigraphy. 4
- b) Bio Stratigraphy 4
- c) Chrono Stratigraphy 4
- d) Event Stratigraphy 4

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

**OR**

Write short notes on:

- a) Vindhyan Supergroup. 4
- b) Godavari Supergroup. 4
- c) Flora 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) Classification 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 Neogene systems in India. **16**

**OR**

Write short notes on:

- a) Classification of Palaeogene 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) Singhbhum craton.
- b) Southern Granulite belt.
- c) Paleogeography.
- d) Paleoclimate
- e) Fauna of Triassic
- f) Flora of Cretaceous system
- g) Quaternary systems
- h) Cenozoic

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