

This question paper contains 2 printed pages.]

Your Roll No. ....

1322

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**B.Sc. (Hons.)/III  
GEOLOGY—Paper VII**

**(Geology of India)**

**(Admissions of 2004 and onwards)**

*Time : 3 Hours*

*Maximum Marks : 45*

*(Write your Roll No. on the top immediately  
on receipt of this question paper.)*

*Answer any five questions.*

*All questions carry equal marks.*

1. Discuss the tectonic evolution and stratigraphic setting of Dharwar supergroup.
2. Answer any *two* of the following :
  - (a) Discuss stratigraphy and tectonic setting of Pandyan Mobile belt.
  - (b) Palaeozoic marine incursions of peninsular India.
  - (c) Stratigraphic setting of Singhbhum craton.

[P.T.O.]

3. Discuss the stratigraphic framework, and depositional environment of marine Jurassic succession of Kutch.
4. Comment on any *two* of the following :
  - (a) Triassic succession of Spiti
  - (b) Panjal Traps.
  - (c) Basic parameters to construct palaeogeography of an area.
5. Describe the stratigraphy, depositional environment and economic importance of Cuddapah supergroup.
6. Describe the marine Paleozoic stratigraphy and depositional environment of Jammu and Kashmir sub-basin. Comment on the palaeogeography of India during this period.
7. Write short notes on any *two* of the following :
  - (a) Precambrian-Cambrian boundry.
  - (b) Why stratigraphic resolution of Precambrian rocks is low where as that of Phanerozoic is good?
  - (c) Recent Advances in Siwalik Stratigraphy
8. How sea level fluctuation has controlled the deposition of Neogene sediments on the eastern and western coast of India. Discuss in detail the Neogene stratigraphy of Kutch.