

M.Sc.(Geology) (CBCS Pattern) Semester - I
PSCGEOT04 - Paper-IV : Stratigraphy & Indian Geology

P. Pages : 2

Time : Three Hours



GUG/S/23/11165

Max. Marks : 80

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

1. Describe in brief chronostratigraphy and biostratigraphy.

OR

Write a note on the following.

- a) Stratigraphic co-relation
 - b) Physiographic divisions of India.
 - c) Seismic stratigraphy.
 - d) Dharwar Craton.
2. Describe in brief the stratigraphy of Gondwana super group and add a note on its economic importance.

OR

Write a notes on the following.

- a) Pre-Cambrian/Cambrian boundary
 - b) Lower cuddapah group.
 - c) Upper Vindhyan group.
 - d) Godavari Super group
3. Describe in brief account of Jurassic of Kutch.

OR

Write note on the following:

- a) K-T Boundary
- b) Cretaceous of trichinopoly
- c) Intra-trappean and Inter-trappean bed
- d) Bagh Bed

4. Give a brief account of Fauna and flora of Neogene system.

OR

Write note on the following.

- a) Flora of Paleogene
- b) Dhok Pathan formation
- c) Indus formation.
- d) Tipam Group.

5. Write a very short note on the following:

- a) Lithostratigraphy.
- b) Bastar craton
- c) Ajabgarh group
- d) Nallamalai Group.
- e) Age of deccan trap
- f) Nimar sandstone
- g) Cardita beaumanti beds
- h) Chingi formation
