

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

P. Pages : 2

Time : Three Hours



GUG/W/18/11165

Max. Marks : 80

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

1. Give a detailed account of stratigraphic principles.

OR

Write short notes on:

- a) Bio stratigraphic concept.
- b) Concept of Litho stratigraphy.
- c) Seismic stratigraphy.
- d) Eastern Ghats mobile belt.

2. Give a detailed account of classification of fossils and age limits of Gondwana Supergroup.

OR

Write short notes on:

- a) Kurnool Group
- b) Rewa Group
- c) Penganga Group
- d) Paleoclimate of upper Gondwana.

3. Give a detailed account of classification, depositional characteristics and fossils of Lameta Group of Maharashtra.

OR

Write short notes on:

- a) Bagh Beds
- b) Uttatur Formation
- c) Classification of Triassic of Spiti
- d) Fossils of Jurassic of Kachchh

4. Give a detailed account of classification, depositional characteristics and fossils of Neogene of Kachchh.

OR

Write short notes on:

- a) Sylhet Limestone formation
- b) Paleogene- Neogene boundary
- c) Varkala Beds
- d) Epoch boundaries of the Cenozoic in India.

5. Write short notes on:

- a) Chrono stratigraphy
- b) Chemo stratigraphy
- c) Fossils of Vindhyan supergroup
- d) Economic importance of cuddapah supergroup
- e) Katrol formation
- f) Intertrappean Beds
- g) Subathu Formation
- h) Epochs of quaternary period
