

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

P. Pages : 1

Time : Three Hours



GUG/W/22/11165

Max. Marks : 80

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

1. Giving suitable Indian examples, explain different chronostratigraphic units.

OR

Write short notes on:

- Stratigraphy of Dharwar craton
- Sequence stratigraphy.
- Physical methods of stratigraphic correlation.
- Biostratigraphic units.

2. Give classification, faunas and floras of Gondwana supergroup.

OR

Write short notes on:

- Stratigraphy of Cuddapah supergroup.
- Stratigraphy of Godavari supergroup.
- Age limits of Gondwana supergroup.
- Vindhyan supergroup.

3. Give classification and depositional characteristics of Jurassic of Kachchh

OR

Write short note on:

- Trichinopoly Formation.
- Faunas of Triassic of Spiti.
- Stratigraphy of Deccan Trap.
- Permian Triassic boundary.

4. Give classification of Siwalik Group and enlist faunas found in it.

OR

Write short notes on:

- Paleogene of Kachchh Basin.
- Neogene of Bombay offshore Basin
- Neogene of Andaman Islands.
- Quaternary of Central India.

5. Write brief on

- Magnetostratigraphy
- Group and Supergroup.
- Concept of Gondwanaland.
- Precambrian / Cambrian boundary
- Bagh Group.
- Intertrappean sediments.
- Subdivisions of Neogene.
- Subdivisions of Paleogene.
