

B.Sc. (CBCS Pattern) Sem-IV
USGEOT08 - Geology Paper-II : Indian Stratigraphy

P. Pages : 1

Time : Three Hours



GUG/W/22/12011

Max. Marks : 50

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

1. Give a brief account of stratigraphic classification with reference to Lithostratigraphic unit, chronostratigraphic unit and Biostratigraphic unit with Indian examples.

OR

Describe the following:-

- a) Classification of Dharwar supergroup
- b) Geological time scale.

2. Give a brief account of Vindhyan supergroup with reference to classification, distribution and lithology.

OR

Write on the following:-

- a) Delhi supergroup
- b) Sauer Group

3. Give a brief account of Gondwana supergroup with reference to classification, distribution and lithology. And add a note on fossil content.

OR

Give a brief account of the following:-

- a) Jurassic of Kutch
- b) Paleozoic succession of spiti.

4. Give a brief account of cretaceous of Trichinopoly with reference to classification, distribution, lithology and fossil content.

OR

Write notes on the following:-

- a) Cretaceous of spiti
- b) Lameta Formation

5. Write on the following in not more than two sentences (attempt **any ten**)

- a) Law of superposition
- b) Give the physiographic divisions of India.
- c) Index fossil
- d) Name any two economic important mineral of cuddapah supergroup
- e) Gondite
- f) Penganga formation
- g) Daonell shates
- h) Halobia Beds
- i) Hedenstromia Beds
- j) Age of Deccan trap
- k) Name any tow vertebrate fossils of Siwalik Group.
- l) Intertrappean Beds.
