

Bachelor of Science (B.Sc.) Fourth Semester
B.Sc. 24102 - Geology: Paper-II (Indian Stratigraphy)

P. Pages : 2

Time : Three Hours



GUG/W/18/1293

Max. Marks : 50

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

1. Give an account to physical subdivision of Indian subcontinents.

OR

Describe the Sausar Group with reference to classification, and lithological characters. and add a note on their economic importance.

2. Give a brief account of Gondwana Supergroup with reference to classification, lithology, and economic importance.

OR

describe in detail stratigraphy of Maharashtra.

3. Write short notes on the following.

- a) Biostratigraphic unit.
- b) Economic Importance of Vindhyan Supergroup.
- c) Umia formation.
- d) Age of the Deccan trap.

OR

Write short notes on the following.

- e) Lithostratigraphic Unit.
- f) Economic Importance of Iron ore group.
- g) Kanawar Group.
- h) Karewa Formation of Kashmir.

4. Write short notes on the following.

- a) Peninsular Gneiss.
- b) Penganga Formation.

- c) Lower Triassic succession of spiti.
- d) Bagh Bed.

OR

Write short notes on the following.

- e) Closepet Granite.
- f) Papaghani Group.
- g) Haimanta Group
- h) Lameta Group.

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

- a) Order of Superposition.
- b) Formation.
- c) Chronostratigraphy
- d) Economic importance of Sakoli Group.
- e) Dongargarh Granite.
- f) Name two economic mineral of Vindhyan Supergroup.
- g) Nodular Limestone.
- h) Daonella Shale.
- i) Muth Quartzite.
- j) Dhokpathan formation.
- k) Name two economic minerals of Tertiary of Assam.
- l) Name two fossils of Siwalik succession.
