

M.Sc. (Semester—III) (CBCS) Examination
GEOLOGY
(Stratigraphy)
Paper—IX

Time : Three Hours]

[Maximum Marks : 80

Note :—(1) All questions are compulsory and carry equal marks.

(2) Draw neat sketches wherever necessary.

1. Describe the following :

- (a) Lithostratigraphy
- (b) Pedostratigraphy.

OR

- (c) Magnetostratigraphy
- (d) Bio and chronostratigraphy.

2. (a) Write in detail on the stratigraphy and mineral wealth of Cuddapah supergroup of rocks.

OR

(b) Give a detailed account on the Delhi group of rocks. Add a note on its correlation.

3. Explain the following :

- (a) Jurassic rocks of Kutch
- (b) Triassic rocks of Spiti.

OR

- (c) Cretaceous rocks of Tiruchirapalli.
- (d) Stratigraphy of Gondwana supergroups of rocks.

4. (a) Discuss and correlate the Tertiary stratigraphy of Assam.

OR

(b) Write in detail about Siwalik rocks. Add a note on mammalian fossil content.

5. Give short accounts on the following :

- (a) Age and stratigraphy of Deccan traps
- (b) Orogenic phases of Himalayas.

OR

- (c) Cretaceous – Tertiary boundary problem
- (d) Permian – Triassic boundary problem.

