

B.Sc. (CBCS Pattern) Semester-IV
USGEOT07 - Geology Paper-I - Sedimentary Petrology and Metamorphic Petrology

P. Pages : 2

Time : Three Hours



GUG/S/25/12010

Max. Marks : 50

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

1. Describe the various textures of Sedimentary rocks.

OR

Write a note on the followings-

- a) Weathering and transportation.
- b) Sedimentary Facies.

2. Describe the classification of clastic sedimentary rock.

OR

Write a note on the followings-

- a) Organic Sedimentary rocks.
- b) Chemical Sedimentary Deposit.

3. Define metamorphism? Discuss the various grade of metamorphism.

OR

Write a note on the followings.

- a) Products of Metamorphism
- b) Schistose and Gneissose structure

4. Give a brief account of foliated metamorphic rocks.

OR

Write a note on the followings.

- a) Metamorphism of calcareous rocks
- b) Migmatization.

5. Solve the question in one or two sentence (solve **any ten**).

- 1) Define Sedimentology
- 2) Pebble
- 3) Consolidation
- 4) Conglomerate
- 5) Braccia
- 6) Granulose
- 7) Define metamorphism
- 8) Example of low grade metamorphic rock
- 9) Ketozone
- 10) Isograds
- 11) What is the parent rock of Marble?
- 12) What are the agents of metamorphism?
