

B.Sc. (CBCS Pattern) Semester-VI
020A - Geology Paper-I : Structural Geology

P. Pages : 1

Time : Three Hours



GUG/S/25/13357

Max. Marks : 50

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

1. Describe the concept of Rock Deformation. 10

OR

Write Short notes on

- a) Strike and Dip 5
b) Compass Clinometer 5

2. What are Erosional Structures? Describe Inlier and 'outlier in details. 10

OR

Write Short notes on

- c) Angular unconformity 5
d) Synclinal hills and Anticlinal valley 5

3. Describe the Joints and its classification in details. 10

OR

Write Short notes on

- a) Plunging and Non-plunging Fold 5
b) Box and Chevron Fold 5

4. Describe Faults and its classification in details. 10

OR

Write short notes on

- c) Lineation 5
d) Shear Zones 5

5. Write short notes on (Solved any ten) 10

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|--------------------|-------------------|
| a) Rake | b) Stress |
| c) Strain | d) Klippe |
| e) Offlap | f) Fenster |
| g) Planar feature | h) Hinge of fold |
| i) Axis of fold | j) Foliation |
| k) Symbol of Fault | l) Symbol of Fold |
