

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

P. Pages : 1

Time : Three Hours



GUG/S/23/13357

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 of scope and aim of structural geology.

OR

Give an account of the following:

- i) Dip and strike.
- ii) Types of forces.

2. What is outcrop? Describe relationship of outcrop with topography.

OR

Give an account of the following.

- i) Outlier and Inlier
- ii) Angular Unconformity and Disconformity.

3. Give an account of genetic classification of folds.

OR

Discuss the following:

- i) Dip joints & Strike joints.
- ii) Columnar joints and sheet joints.

4. Give an account of foliations and lineations.

OR

Describe the following:

- i) Normal fault.
- ii) Reverse fault.

5. Write on the following is not more than two sentences **any ten**.

- a) Rake
- b) Plunge
- c) Plastic deformation
- d) Offlap
- e) Onlap
- f) Synclinal Hill
- g) Shear joints
- h) Dip joints
- i) Axis of fold
- j) Throw of fault.
- k) Slicken sides
- l) Step faults.
