

BACHELOR OF SCIENCE in GEOLOGY (HONS)
SEMESTER – I

Paper Code:GEL-101P

25 marks

GEL-101P: GEOLOGY PRACTICAL

Geomorphology: 8 marks

Study of important geomorphological models, identification and interpretation of geomorphic features from the topographical map. Identification of different drainage pattern. Reading topographical maps of the Survey of India., Concept of contour, scale and other topographic features. Preparation of slope maps. Preparation of longitudinal and cross valley and superimposed profiles. Recognition of regional erosion surfaces.

Structural Geology: 10marks.

Study of Clinometer and Brunton compass. Concept of stratum/ Structural contour maps. Completion of geological outcrop maps Study and interpretation of geological maps geological cross section containing folds. Faults, unconformities, dykes and sills. Determination of heave and throw of faults.

Field Work: 4 marks

Pertaining to study on primary sedimentary structures, secondary structures like folds, faults, unconformity, joints, etc. Measurement of strike direction dip direction and amount of dip of planar rock surfaces.

Viva voce: 3 Marks
