

BACHELOR OF ARTS/SCIENCE IN GEOGRAPHY (HONS)

SEMESTER – V

P Cartography-III

Paper Code: GG: GG:H507-P

Practical Paper V- GG:H507-P

Full Marks: 100

Unit – I: Preparation of cross and longitudinal profiles of streams; preparation of average slope map, block diagram, area height curve, hypsometric curve and drainage frequency and density map.

20 Marks

Unit – II: Interpretation of geological maps and drawing of geological sections to show the sequence and relationships of structure with relief.

15 Marks

Unit – III: Basic principles of land surveying (i) chain and tape, (ii) prismatic compass and (iv) plane table surveying – radiation, intersection and three point problem.

20 Marks

Unit – IV: Map projection: general principles, classification; Draw graticules on the following projections by graphical / mathematical methods with suitable outline maps and their properties and uses: Zinithal orthographic, Stereographic, Equal area and Equidistant projections.

15 Marks

Unit – V: Map projection : Conical -Bond's, Polyconic and International projections; Cylindrical Marcator's, Gall's and Mollweide projections (construction of suitable outline maps by graphical/mathematical methods and properties and uses of the projections).

15 Marks

Record book

7 Marks

Viva-voce

8 Marks
