

BACHELOR OF ARTS/SCIENCE IN GEOGRAPHY (HONS)

SEMESTER – VI

P Cartography-IV

Paper Code: GG: GG:H610-P

Practical Paper VI- GG:H610-P

Full Marks: 100

Unit – I: Dumpy level for preparation of road and contouring and theodolite for measurement of heights and distances 20 Marks

Unit – II: Remote sensing : orientation of aerial photographs under mirror stereoscope, determination of photo scale, identification of objects from the aerial photographs, preparation of base map from the aerial photographs, visual interpretation of satellite imagery for drainage and land use mapping; Introduction to GIS and GPS. 25 Marks

Unit – III: Field work and field report under the guidance of teachers: select any area near the institution or elsewhere, collect topo sheets of the area 1:50,000 scale or satellite. Image, visit the area and identify the land forms, settlement, land use features and compare the same with the topo sheets and / or satellite image, draw sketches and maps of the selected area; conduct field survey and prepare field report. 40 Marks

Record book 7 Marks

Viva-voce 8 Marks

Note: Question are to be set according to the marks allotted to units at the time of examination.
