

SARDAR PATEL UNIVERSITY
Programme: BA (Geography)
Semester: VI
Syllabus with effect from: December 2013

Paper Code: UA06CGEO22	Total Credits: 3
Title Of Paper: Elements of Mapping (Practical)	

Unit	Description in detail	Weightage (%)
1	<p>Map Projection: ZENITHAL POLAR PROJECTION.</p> <ul style="list-style-type: none"> • Zenithal Polar Gnomonic Projection • Zenithal Polar Stereographic Projection. <p>CONICAL PROJECTION :</p> <ul style="list-style-type: none"> • Projection with one standard parallel • Bonne's Projection <p>CYLINDRICAL PROJECTION</p> <ul style="list-style-type: none"> • Cylindrical equal area Projection. • Mercator's Projection <p>(Construction of above map projection with properties and uses of each group : one example from each hemisphere).</p>	
2	<p>Representation of Statistical Data Simple Line Graph Polygraph Simple Bar Diagram Compound Bar Diagram Pie Diagram (Chart) Dot method Choroplath method</p>	
3	<p>Interpretation of S.O.I. Topographical map on following points Physiography Drainage pattern Vegetation, settlement, Transportation and communication occupation</p>	
4	<p>Surveying Chain & Tape Survey – Preparation of plans Prismatic Compass Survey – Open & Closed traverse Plane Table – Radiation and Intersection methods Indian clinometer – Calculation</p>	
5	<p>Field visit and preparation of report. Students to be taken on a field visit for one day to nearby village/ town/tourist place, and have to submit its report. Main objectives of field visit are :</p> <ul style="list-style-type: none"> • To collect demographic/ social/ economic data of the households with a structured questionnaire • To prepare the report with maps, sketches and photographs. (This report should be at least 12 pages) 	



Basic Text & Reference Books:

- Gopal Singh, (1996) Map Work and Practical Geography, Vikas Publishing House, New Delhi.
- Singh,R.L. and Dutt,P.K. (1968) Elements of Practical Geography, Students Friends, Allahabad
- Negi,B.S. (1998) Practical Geography, Kedarnath and Ramnath, Meerut.
- Singh L.R.(2009) Fundamentals of Practical Geography, Sharda Pustak Bhavan, Allahabad

