

## Practicals

### Scheme of examination

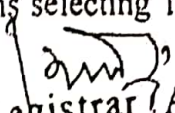
Min. Pass Marks: 32

Max. Marks: 80

	Marks	Time
Written test	30	3 hrs.
Field survey and viva voce	10+05	2½ hrs.
Report of socio- economic survey and viva voce	10+05	
Record and viva voce	12 + 08	
Total Marks	80	

N.B. 1. There shall be 6 questions in written paper selecting at least two questions from each section. Candidates are required to attempt 3 questions selecting 1 question from each section. All question carry equal marks.

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# SYLLABUS

## Section A

Map projections: bases of classification, uses and choice of projections.

Mathematical construction of map projections: cylindrical –simple, equal area and Mercator's

## Section B

Conical: one standard parallel two standard parallels, Bonne's, polyconic and modified polyconic (international).

Zenithal: equidistant and equal area (Polar cases only), gnomonic, stereographic, orthographic.

## Section C

Conventional: sinusoidal and Mollweide's (normal cases only).

Dumpy level: survey and contouring.

Socio-economic survey of a town/village: survey planning, data collection, compilation, analysis and interpretation, report writing

Recommended Reading:

चौहान, पी.आर. 2005: प्रयोगात्मक भूगोल। वसुन्धरा प्रकाशन, गोरखपुर।

Khullar, D.R. 2000: Essentials of Practical Geography. New Academic Publishing Co., Jalandhar.

Punmia, B.C. 1988: Surveying and Field Work. Laxmi Publications, New Delhi Vol. I.

Robinson, A.H. et al. 2004: Elements of Cartography. John Wiley & Sons, Inc., New York.

Rampal, K.K. 1993: Mapping and Compilation: Methods and Techniques Concept. Publishing Company, New Delhi.

शर्मा, जे.पी. 2012: प्रायोगिक भूगोल। रस्तोगी पब्लिकेशन्स, मेरठ।

Singh, R.L. and Singh RPB 1991: Elements of Practical Geography. Kalyani Publishers, New Delhi.

तिवारी, आर.सी. एवं सुधाकर, त्रिपाठी 2009: प्रयोगात्मक भूगोल। प्रयाग पुस्तक भवन, इलाहाबाद।