

**B.A (LIBERAL ARTS) -  
SEMESTER VI  
CORE COURSE- GEOGRAPHY  
BLAB33617T- MAP PROJECTIONS & FIELD SURVEY**

**MAX. MARKS: 100**

**EXTERNAL: 70**

**INTERNAL: 30**

**PASS: 40%**

**CREDIT 6**

**OBJECTIVE:**

- To provide an analytical understanding of use of common map projections.
- To acquaint the students with the importance of field work as one of the methodologies in geography.
- To sensitize the students about pre-field work and post-field work i.e. data processing and analysis and writing of field work report.

**INSTRUCTIONS FOR THE PAPER SETTER/EXAMINER:**

1. The syllabus prescribed should be strictly adhered to.
2. The question paper will consist of three sections: A, B, and C. Sections A and B will have four questions from the respective sections of the syllabus and will carry 10 marks each. The candidates will attempt two questions from each section.
3. Section C will have fifteen short answer questions covering the entire syllabus. Each question will carry 3 marks. Candidates will attempt any ten questions from this section. 4. The examiner shall give a clear instruction to the candidates to attempt questions only at one place and only once. Second or subsequent attempts, unless the earlier ones have been crossed out, shall not be evaluated. 5. The duration of each paper will be three hours.

**INSTRUCTIONS FOR THE CANDIDATES:**

Candidates are required to attempt any two questions each from the sections A and B of the question paper and any ten short questions from Section C. They have to attempt questions only at one place and only once. Second or subsequent attempts, unless the earlier ones have been crossed out, shall not be evaluated.

**SECTION A**

- Unit 1:** General introduction and classification of map projections.
- Unit 2:** General principles of identification and choice of projections.
- Unit 3:** Role of field work in Geography.
- Unit 4:** Scale of study and field work methodology.
- Unit 5:** Methods of collecting Primary data (questionnaire, observation, interview and measurement) and Secondary data and parts of report.

**SECTION B**

- Unit 6:** Construction, properties and limitations of following map projections: Cylindricals: Plate Carree, Equal-Area and Mercator's.

- Unit 7:** Construction, properties and limitations of following map projections: Conicals: One Standard Conic, Two Standard Conic, Bonne's, Polyconic and International.
- Unit 8:** Construction, Properties and Limitations of following Map Projections: Zenithals: Gnomonic, Stereographic, Orthographic, Equi-distant and Equal-Area (Polar cases only).
- Unit 9:** Construction, Properties and Limitations of following Map Projections: Sinusoidal and Mollweide's Projections
- Unit 10:** Methods of field study of: a Farm, a Village, a Town and Physical Features of an area.

### **Reading List:**

- Kellaway, George P.: Map Projections, Methue and Co., London.
- Singh, Gopal: Mapwork and Practical Geography, Surjeet Book Depot, Delhi, 1993.
- Singh, Malkiat: Cartography, Rasmeet Prakashan, Jalandhar, Reprint 2014.
- Singh, L.R: Practical Geography, Chaitanya, Publishing House, Allahabad, 2006.
- Jones, P.A.: Field Work in Geography, Longman, London, 1968.
- Archer, J.E. & Dalton T.H.: Field Work in Geography, E.T. Bastford Ltd., London, 1968.
- Singh, Gopal: Map work and Practical Geography, Surjeet Book Depot, Delhi, 1993