

SAINT CLARET COLLEGE, ZIRO
B. A. (GEOGRAPHY)
SYLLABUS AS PER RGU SEMESTRAL SCHEME
 (Subjected to syllabus enrichment by SCCZ for Claretines)

Semester II

GEOGCP 152: ANALYTICAL METHODS

Breakup of marks with time	Questions to be set for End term Examination
Total marks :30 (P)	
End term Exam: 24	(2 hrs) 4 (four) question to be set from all exercises and 3 (three) to attempt, i.e., 3x8 marks= 24
Internal Exam : 6	Record and Viva

Objectives: Having studied this paper, a student will be able to-

- a. Learn about different analytical methods and techniques involve in geographical studies.*
- b. Understand how to do analysis of geographical data.*
- c. Represent geographical data and information diagrammatically by doing mathematical calculations.*
- d. Understand data collection and presentation.*

Unit 0: Baseline Analysis- Data collection from secondary sources, analysis of data, group discussion, seminar presentation.

Section - A: Population

- Exercise no.1: Population Distribution (Dot Method)
- Exercise no. 2: Population Density (Choropleth)
- Exercise no. 3: Population total and its Growth (Histogram)

Section - B: Economic

- Exercise no. 4: Crop area, production of major crops (Pie Diagram) [any one]
- Exercise no. 5: Workers: Main/ Male /Female/ Marginal (Proportionate circle) [any one]
- Exercise no. 6: Ergograph

Section - C: Toposheet based

- Exercise no. 7: Topographical map interpretation of relief and drainage (one grid of 5'X5' 1:50,000 toposheet)
- Exercise no. 8: Topographical map interpretation of settlement & transport (one grid of 5'x5' 1:50,000 toposheet)

Note: Internal Assessment - 1 (one) sessional test (Viva voce on practical record book)

Recommended Readings:

Khullar, D. R. (2017). *Essentials of Practical Geography*. Jalandhar: New Academic Publishing Co.

Mishra, R. P., & Ramesh, A. (2000). *Fundamentals of Cartography*. New Delhi: Concept Publishing Company.

Robinson, A. H., Sale, & Morrison, J. L. (2004). *Elements of Cartography*. New Delhi: Wiley India Pvt. Ltd.

Saikia, R., & Thakuria, G. (2015). *Practical Geography*. Panbazar: EBH Publishers.

Singh, R. L., & Singh, R. P. B. (1994). *Elements of Practical Geography*. New Delhi: Kalyani Publication.