GYP-460: Techniques of Mapping and Map Analysis

Course learning outcomes:

CO1. Identify the major elements of map.
CO2. Analyze methods representing geographic data.
CO3. Evaluate graphs and diagrams.
CO4. Analyze thematic maps.

Exercise No.	Title of the Exercise (Total 52 Hrs.)
1	Introduction to cartography- Basic principles and elements of maps.
2	Representation of Data-Proportional Symbols.
3	Mono Dot Method.
4	Multiple Dot Method.
5	Circle Method.
6	Sphere Method.
7	Cube Method.
8	Choropleth Method
9	Isopleth Method
10	Choro-chromatic Method
11	Choro-schematic maps
12	Advanced Visualization Techniques.
13	Block Pile Diagrams
14	Pie Diagrams
15	Flow diagrams

References

1. Monkhouse F.J. & H.R. Wilkinson (1952): Maps and Diagrams, their compilation andconcentration, Methuen & Co, London
2. Harwell J.D & M.S. Newson (1973): Techniques in Physical Geography, Macmillan Edn. Ltd, London.
3. Mishra R.P. & Ramesh A. (1968): Fundamentals of Cartography, Prasaranga, University of Mysore.
4. Menno-Jan Kraak & Ferjan Ormeling (2003): Cartography Visualization of Geospatial Data, Pearson Edn Pvt. Ltd. (Singapore) New Delhi.
5. Nag P. (1992): Thematic Cartography and Remote Sensing, concept Publishing Co. New Delhi.