GYP-557: Techniques in Human Geography

Course Learning Outcomes:

CO1: understand network analysis and shortest path matrix in research techniques in human geography.
CO2: understand population potential and Centro graphic analysis in techniques in human geography.
CO3: Analyse the nearest neighbor and functional classification of towns.
CO4: Analyse the crop combination and crop diversification method in research techniques.
CO5: Evaluate the crop intensity.

Exercise No	Title of the Exercise (Total 52 Hrs.)
1	Network Analysis: Alfa, Beta and Gama Indices
2	Accessibility Matrices: 'C' Matrix
3	Accessibility Matrices: Shortest Path Matrix.
4	Nearest Neighbor Analysis
5	Location Quotient
6	Rank Size Relationship
7	Functional Classification of Towns
8	Analysis of Crop combination and Mapping- J.C. Weaver's Method
9	Analysis of Crop combination and Mapping- Doi's Method
10	Analysis of Crop combination and Mapping- Rafiuallah's Methods
11	Crop diversification
12	Crop Intensity
13	Index of Diversification
14	Population Potential
15	Centrographic Analysis

References:

1. Aslam Mohamood (1977): Statistical Methods in Geographical Studies, Rajesh Publications, New Delhi
2. Gupta C.B. (1979): An Introduction to Statistical Methods, Vikas Publishing House Pvt. Ltd. New Delhi.
3. Murray R. Toffee R. Transportation Geography, Prentice Hall Publication, New York.