

## **Statistical Techniques in Geography (SEC)**

**Paper Code: SEC0210603**

**Full Mark: 75 (Theory = 50+ Practical = 25)**

### **Part- I (Theory)**

**Unit-I:** Need of Statistic in Geographical studies, Geographical data- Nature and sources, method of data collection, Data processing, frequency polygon, frequency curve, Histogram and Ogive. **15 mark**

**Unit-II:** Measures of Central Tendency- mean, median and mode both group and ungroup data. Measures of Dispersion- Range, Quartile Deviation, Mean deviation and Standard Deviation. **15 Mark**

**Unit-III:** Concept of Sampling, types of samplings and its application in geographical studies. **10 Mark**

**Unit-IV:** Correlation and its uses in geographical studies. **10 Mark**

### **Part-II (Practical)**

**Unit-I:** Graphical Representation: Histogram, Frequency Polygon, Frequency Curve and Ogive. **10 Mark**

**Unit-II:** Graphical/General representation: Line graph; Simple and Complex, Bar graph; complex and compound, Pie-chart and flow diagram. **10 Mark**

**Unit-III: 05 Marks**

- a) Practical Note Book and
- b) Viva voce



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