

FYUGP 1st Semester Final Examination 2025

Skill Enhancement Course (Statistics)

Paper Code: SEC0102603

Paper Name: Data Collection and Presentation



Full Marks:30

Time: 1 $\frac{1}{2}$ Hour

1. Answer the following questions as directed. 1×5=5

- a) Define population from the statistical point of view.
- b) Diagrams and graphs are tools of _____ (Fill in the blank)
- c) Write one limitation of sampling.
- d) A statistic is an estimate of a _____ (Fill in the blank)
- e) Statistics are aggregate of facts. (State true/false)

2. Answer the following. (Any five) 2×5=10

- a) Write two applications of statistical data in Social Sciences.
- b) State some important features of diagrams.
- c) Write the difference between classification and tabulation.
- d) Define relative frequency and frequency density.
- e) What is bar diagram? What are its types?
- f) Write advantage and disadvantages of primary data over secondary data.
- g) Distinguish between Schedule and Questionnaire.
- h) What are Pie diagram and Line diagram?
- i) What are the main four functions of Statistics?
- j) Distinguish between variable and attribute?

3. Answer the following. (Any three) 3×5=15

- a) What are primary and secondary data? Write the various sources of collecting Secondary data.
- b) Write the steps for drafting a good questionnaire.
- c) What is random sampling? Explain the various method of selection of random sample.
- d) What is Cumulative frequency curve or ogive? Write two uses of it.
- e) Write the steps for constructing a frequency distribution.
- f) Draw a histogram and frequency polygon for the following frequency distribution.

Wages (in Rs):	50-60	60-70	70-80	80-90	90-100	100-110
No. of employees:	8	10	16	14	10	5

