

2025

(FYUGP)

(4th Semester)

COMPUTER APPLICATION AND DATA ANALYSIS

Paper Code : ECO/SEC

Full Marks: 15

Pass Marks: 40%

Time : 2 hours

(PART B — DESCRIPTIVE)

(Marks : 6)

The questions are of equal value

Answer *any two* questions

1. Explain the methods of data classification with examples.
2. Describe the limitations of statistics.
3. Discuss the role of statistics in data visualization.

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(Turn Over)

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Examiner(s)

Signature of
Institution(s)

4. Explain the rules of tabulation in statistics.
5. Calculate the mean, median, and mode for the dataset: 5, 7, 8, 5, 10.
6. Describe the steps to sort and filter data in Excel.

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Paper Code : ECO/SEC

(PART : A — OBJECTIVE)

(Marks: 5)

The figures in the margin indicate full marks for the questions

A. Choose the correct answer and put a tick (✓) mark against the brackets provided

1X5 = 5

1. What is the primary purpose of statistics?

(a) To collect data

(b) To analyze and interpret data

(c) To create visualizations

(d) All of the above

2. Which of the following is NOT a method of data collection?

- (a) Surveys ()
- (b) Experiments ()
- (c) Tabulation ()
- (d) Observations ()

3. What is the file extension of an Excel workbook?

- (a) .txt ()
- (b) .xlsx ()
- (c) .docx ()
- (d) .ppt ()

4. Which function is used to add values in Excel?

- (a) AVERAGE ()
- (b) SUM ()
- (c) COUNT ()
- (d) MAX ()

5. What is the purpose of the IF () function in Excel?

- (a) To add values ()
- (b) To perform logical tests ()
- (c) To count cells ()
- (d) To find the maximum value ()

II. Answer any *four* questions in short : $1 \times 4 = 4$

1. Define statistics and state its scope in one sentence.

2. What is chronological classification of data? Give an example.

3.

3. Name the three types of cell referencing in Excel.

4. What is the purpose of the IF function in Excel?

5. What does a correlation coefficient (r) of 0 indicate?