

2025

FYUGP Semester 3

STATISTICS

Data Science using SPSS Software

Code: STSSEC3 (SEC344N)

Full marks: 60

Time: 2 hrs

*(The figures in the right margin indicate full marks of the questions)*

1. Answer the following questions.

1×10=10

i) What is SPSS?

ii) Write the full form of SPSS.

iii) What is the default file extension of an SPSS data file?

iv) Name any one window of SPSS interface.

v) Which menu in SPSS is used to perform statistical tests?

vi) Write one example of a numerical variable.

vii) What is the shortcut key to run a selected command in SPSS?

viii) SPSS belongs to which category of software — spreadsheet or statistical?

ix) Which menu in SPSS is used to create graphs and charts?

x) What is the purpose of the “Compute Variable” option in SPSS?

2. Answer in brief:

2×5=10

- i) Define data view in SPSS.
- ii) What are the data types in SPSS?
- iii) Name any two file formats supported by SPSS.
- iv) Name the scales of measurements in SPSS.
- v) Write about the importance of SPSS.

3. Answer the following questions.

4×5=20

- i) Describe variable view in SPSS.
- ii) What are the limitations of SPSS?
- iii) Write the core features of SPSS.
- iv) Write the command for performing a Chi-square test in SPSS.

4. Answer any two questions:

- i) Write the command for reading Excel data. 10
- ii) Describe SPSS by industry. 10
- iii) Write the command for entering numeric data. 10
- iv) Write the command for summary measures for scale variables. 10
- v) Write the command for reading data from a Database. 10
- vi) Describe the process of adding value labels. 10