



III Semester B.C.A. (Data Science) Degree Examination,  
January/February 2026

(SEP 2024 – 25)

COMPUTER APPLICATION

24BCAE1 : Basics of Data Analytics Using Spreadsheet



Max. Marks : 40

Time : 1½ Hours

SECTION – A

I. Answer **any five** questions. **Each** question carries **two** marks. (5×2=10)

- 1) What is data analytics ?
- 2) Define data. Mention different types of data with examples.
- 3) Define outliers with example.
- 4) What is the importance of data analytics ?
- 5) What is data cleaning ?
- 6) List any two data collection methods.

SECTION – B

II. Answer **any four** questions. **Each** question carries **five** marks. (4×5=20)

- 7) List and explain the role of data analyst.
- 8) Discuss the various stages involved in the process of data analytics.
- 9) Describe different data collection methods and sources used in analytics.
- 10) Explain the importance of data transformation in analytics.

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- 11) Write a short note on handling missing data and outliers.
- 12) Explain the ethical considerations in data analytics with suitable examples.

### SECTION – C

III. Answer **any one** question. **Each** question carries **ten** marks. (1×10=10)

- 13) How to create and analyse a pivot table using spreadsheet data ? Give an example from sales or student details.
  - 14) Explain real-world applications of data analytics across industries such as finance, marketing and operations.
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