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School of Finance and Commerce

**Bachelor of Commerce Honours
Summer/Backlog Semester End
Examination - July/Aug 2024**

**Duration : 180 Minutes
Max Marks : 100**

Sem III - D1UA322T - Data AnalysisGeneral Instructions

Answer to the specific question asked

Draw neat, labelled diagrams wherever necessary

Approved data hand books are allowed subject to verification by the Invigilator

- 1) Which are the decision tree approach? K1 (2)
- 2) Explain the types of Index numbers with proper example? K2 (4)
- 3) Mention the differences between Data Mining and Data Profiling? K2 (6)
- 4) What are the ethical considerations of data analysis? K3 (9)
- 5) What are some common data visualization tools you have used? K3 (9)
- 6) How can you handle missing values in a dataset? K5 (10)
- 7) Explain the concept of outlier detection and how you would identify outliers in a dataset. K4 (12)
- 8) Elaborate precision and recall? In which cases are they used? K5 (15)
- 9) Explain common input formats in hadoop? K5 (15)
- 10) Examine how can we visualize more than three dimension of data in single chart? K6 (18)