# Prelim 2 – Question Paper

Instructions: (1) All questions are compulsory. (2) Answer each main question on a new page. (3) Illustrate your answers with neat sketches wherever necessary. (4) Figures to the right indicate full marks. (5) Assume suitable data if necessary.

## Q1 (10 Marks)

Answer any five of the following (2 marks each): 1. Define data quality. 2. Differentiate between mean and median. 3. Define imputation. 4. What is a pivot chart? 5. What is a scatter plot?

## Q2 (12 Marks)

Compare descriptive and prescriptive analytics.

## Q3 (12 Marks)

Explain skewness and kurtosis.

## Q4 (12 Marks)

Discuss the purpose and benefits of using slicers in Pivot Tables.

## Q5 (12 Marks)

Explain combination charts in Excel and when to use them.

## Q6 (12 Marks)

Explain what a Matplotlib subplot is and provide an example.