SARASWAT EDUCATION SOCIETY'S

SRIDORA CACULO COLLEGE OF COMMERCE & MANAGEMENT STUDIES

KHORLIM, MAPUSA-GOA

F.Y.B.COM. SEMESTER END ASSESSMENT SEMESTER I NOVEMBER 2023

Data Analytics using Spreadsheets I(SEC CSC-143)

(w.e.f 2023-24)

Duration: 1 Hour
Max. Marks: 20

Instructions:
i) All questions are compulsory, however internal choice is available
ii) Figures to the right indicate maximum marks to the question.
iii) Paper carries maximum of 20 marks.

Q.1. Answer the following: **(4X1 = 4)**
i. What is sorting in the context of data organization and manipulation?
ii. What is quantitative data in the realm of data analysis?
iii. What is a pivot table in spreadsheet applications?
iv. List the various types of basic charts.

Q.2.A) Name the various phases of data analysis **(2)**

Q.2.B) List any two filters associated with number data. **(2)**

Q.3.A) Compare Categorical and Ordinal data. **(2)**

Q.3.B) Explain the AVERAGE function in spreadsheets and how it is typically used for data analysis **(2)**

OR

Q.3.B) Summarize the need for visualizing data though charts. **(2)**

Q.4.A) Explain Data Cleansing with techniques **(2)**

Q.4.B) Explain the parts of a function in spreadsheets with the help of an example **(2)**

OR

Q.4.B) How is the pivot table used in the context of data analysis and reporting? Explain **(2)**

Q.5.A) How can you make use of conditional formatting feature of spreadsheets to enhance data visualization and analysis? **(2)**

Q.5.B) Apply order of operations in spreadsheets with the help of an example **(2)**

OR

Q.5.B) How can you make use of colors and icons for filtering to analyse data. **(2)**

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