

SARASWAT EDUCATION SOCIETY'S
SRIDORA CACULO COLLEGE OF COMMERCE & MANAGEMENT STUDIES
KHORLIM, MAPUSA-GOA
F.Y.B.COM. SECOND SEMESTER END ASSESSMENT April 2024
Data Analytics using Spreadsheets II (SEC CSC-148)
(w.e.f 2023-24)

Duration: 1 Hour

Total Marks: 20

Instructions: i) All questions are compulsory and figures to the right indicate full marks.
ii) Questions of 1 mark to be answered in not more than 20 words.
iii) Questions of 2 marks to be answered in not more than 40 words

Q.1) Answer the following:

(4X1 = 4)

- i. What is FV function in spreadsheet?
- ii. Importance of logical tests in business modelling
- iii. Range as a measure of central tendency
- iv. What is a Sunburst Chart in spreadsheet?

Q.2.A) List two common financial arithmetic calculations used in investment analysis and briefly explain each. (2)

OR

Q.2.A) Explain two common techniques for modelling financial data in spreadsheets. (2)

Q.2.B) Explain how a tree map can be used as visualization tool, and provide an example where it would be effective. (2)

Q.3.A) Why is data validation essential in the data analysis process? Provide two key steps involved in data validation process. (2)

OR

Q.3.A) Discuss the significance of data cleansing in the data analysis process. (2)

Q.3.B) Explain the purpose of vertical lookup functions in spreadsheet software, and provide an example (2)

Q.4.A) Explain the concept of data categorization in the context of data analysis (2)

OR

Q.4.A) Explain the measure of dispersion in spreadsheets (2)

Q.4.B) Explain the process of collating data in data analysis. (2)

Q.5.A) Describe measures of central tendencies? (2)

OR

Q.5.A) Describe briefly how the Analysis ToolPak in Excel aids in computing descriptive statistics for data analysis (2)

Q.5.B) How can you make use of conditional statements with lookup functions. (2)

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