

35631

Reg. No.

--	--	--	--	--	--	--	--	--	--

**VI Semester B.B.A. Degree Examination, August/September - 2023**  
**BUSINESS ADMINISTRATION (MANAGEMENT)**

**Financial Analytics**  
**(CBCS F and R Scheme)**  
**Paper : 6.6**

**Time : 3 Hours**

**Maximum Marks : 70**

**Instructions to Candidates:**

Answers should be written in english only.

**SECTION - A**

Answer any **Five** questions. Each carries **Two** marks.

**(5×2=10)**

1. a. Define time value of money.
- b. Name any two public domain data base.
- c. What is time series data?
- d. What is non - stationarity of the data?
- e. What do you mean by "tuples" in python?
- f. Give the meaning of Regression.
- g. Write the full form of
  - i. Numpy.
  - ii. PANDAS.

**SECTION - B**

Answer any **Three** questions. Each carries **Five** marks.

**(3×5=15)**

2. Define financial analytics and explain its importance in the field of finance.
3. Describe the process of downloading financial data from BSE & Yahoo finance. Discuss the types of financial data that can be accessed from these plat forms.
4. Discuss the computation of return series data using simple returns. Explain the formula for calculating simple returns by using a practical example of how it can be computed using microsoft excel.
5. Explain execution of Regression (Linear) using Python.

**[P.T.O.]**





## SECTION - C

Answer any **Three** questions. Each carries **Fifteen** marks.

(3×15=45)

6. Imagine you are a financial analyst working for a banking institution. Describe a hypothetical scenario where financial analytics could be applied to assess the credit risk of a potential borrower.
  7. Define data and discuss the different types of data commonly used in financial analytics. Provide examples of each data type.
  8. Explain the process of installing python on a computer also explain the process of installing 'Anaconda' software keeping in mind the steps involved during installation.
  9. Perform basic analysis using Numpy and Pandas for a financial data choose a financial data and write the codes on how to calculate descriptive statistics, correlation.
-