

END TERM EXAMINATION

FOURTH SEMESTER [BBA] JUNE 2024

Paper Code: BBA-202

Subject: Business Analytics

(BATCH-2021 ONWARDS)

Time: 3 Hours

Maximum Marks: 75

Note: Attempt all questions as directed. Internal choice is indicated.

- Q1 Attempt **any five** of the following questions: (5x5=25)
- (a) Evolution of Business Analytics .
 - (b) Star Schema
 - (c) Data mining Tasks ,
 - (d) Difference between data warehouse and data mining .
 - (e) Trends of datamining in retail sector
 - (f) Word maps in tableau
 - (g) Variance
 - (h) Assumptions of Linear regression .
- Q2 Discuss the role and responsibilities of Business Data Analyst. (12.5)
- OR**
- Q3 Discuss different types of data types in R. Also give examples how they can be declared in R programming. (12.5)
- Q4 Explain data mining. Giver trends of data mining in telecommunication industry. (12.5)
- OR**
- Q5 Explain the concept of data warehousing. Also explain the recent trends in data ware housing by taking suitable example. (12.5)
- Q6 How dashboards are created in Tableau. Discuss different types of filters in Tableau. (12.5)
- OR**
- Q7 Write different types of chats in Tableau. Also explain story point in Tableau. (12.5)
- Q8 Describe prescriptive graph analysis in detail. . (12.5)
- OR**
- Q9 Discuss how prediction can be done through linear regression. Explain by taking relevant example. (12.5)

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FOURTH SEMESTER [BBA] JUNE 2024

Paper Code: BBA-204

Subject: Financial Management

(BATCH 2021 ONWARDS)

Time: 3 Hours

Maximum Marks: 75

Note: Attempt five questions in all including Q.No1 which is compulsory.

- Q1 Write short note on the following (Attempt any three): (3×5=15)
- (a) Economic value added & Market value added
 - (b) Cash Management
 - (c) Weighted average cost of capital
 - (d) Risk-return trade off

- Q2 "Financial Management has expanded its scope during last few decades". Examine the modern approach to the scope of financial management and also discuss the importance of financial management. (15)

- Q3 a) Mr. Rohit has to receive Rs. 50,000 per year for 8 years. Calculate the present value of annuity assuming that he can earn interest in his investment at 10% p.a. (use table value 5.335) (5)
- b) Explain the various sources of long term financing. (10)

- Q4 Why is dividend policy important for a company? Discuss the various determinants of dividend policy. Also explain Walter's approach in detail. (15)

- Q5 Management of Bajaj Ltd. has the option to buy either Machine A or Machine B. Machine A has a cost of Rs. 75,000. Its expected life is 6 years with no salvage value at the end. It would generate net cash flows of Rs. 20,000 per year. Machine B on the other hand would cost Rs. 50,000. Its expected life is 6 years with no salvage value at the end. It would generate no cash flow of Rs. 15,000 per year. Assuming that the cost of capital of both the machines is 10%. You are required to calculate (15)

- i) Net present value for each machine.
 - ii) Internal rate of return for each machine
 - iii) Which machine should be recommended and why?
- Present value of an annuity of Rs. 1.

INTEREST RATE

Year	14%	15%	16%	17%	18%	19%
1-6	3.889	3.784	3.685	3.589	3.498	3.326

The present value factors at 10% rate of discount for the years 1 to 6 are respectively:

Year	1	2	3	4	5	6
P.V. factor at 10%	.909	.826	.751	.683	.621	.564

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BBA-204

- Q6 Companies A and B are identical in all respects except for debt-equity ratio. A having issued 10% debentures of Rs. 20 lakhs while B has issued only equity. Both the companies earn 20% before interest and taxes on their assets of Rs. 40 lakhs. Assuming a tax rate of 50%, capitalization rate of 15% for an all equity company, compute values of companies A & B using
- (a) Net Income Approach (15)
 - (b) Net Operating Income
- Q7 Discuss the Net operating income, MM hypothesis and traditional approach theories of capital structure. (15)
- Q8 Explain:
- (a) Factors affecting working capital
 - (b) Significance of capital budgeting and problems (15)
