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 **PRESIDENCY UNIVERSITY**

  **Bengaluru**

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| **End - Term Examinations – JANUARY 2025** |
| **Date:** 16 – 01- 2025 **Time:** 09:30 am – 12:30 pm |

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| **School:** SOM -UG | **Program:** BBA(Finance) |
| **Course Code :** BBA3007 | **Course Name :** Financial Modelling |
| **Semester**: V | **Max Marks**: 100 | **Weightage**: 50% |

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| **CO - Levels** | **CO1** | **CO2** | **CO3** | **CO4** | **CO5** |
| **Marks** | **26** | **26** | **20** | **28** | **-** |

**Instructions:**

1. *Read all questions carefully and answer accordingly.*
2. *Do not write anything on the question paper other than roll number.*

**Part A**

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| **Answer ALL the Questions. Each question carries 2 marks. (10Q x 2M = 20M)** | **Bloom's Level**  | **CO** |

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| **1** | Describe the basic process of how financial models are built. | **2 Marks** | **Remember** | **CO1** |
| **2** | Define Financial Modeling  | **2 Marks** | **Remember** | **CO1** |
| **3** |  How would you use Excel’s histogram function for financial analysis? | **2 Marks** | **Remember** | **CO4** |
| **4** | How do you interpret the Income Statement in financial statement analysis? | **2 Marks** | **Remember** | **CO2** |
| **5** | Discuss the role of non-current assets in financial analysis. | **2 Marks** | **Remember** | **CO3** |
| **6** | How would you analyze a company’s liquidity position using the balance sheet? | **2 Marks** | **Remember** | **CO3** |
| **7** | Describe the Peer to Peer analysis and its application in financial modeling. | **2 Marks** | **Remember** | **CO4** |
| **8** | Explain the importance of tax analysis in financial statement analysis. | **2 Marks** | **Remember** | **CO4** |
| **9** | Define financial modeling and its key components. | **2 Marks** | **Remember** | **CO3** |
| **10** | How do you create and analyze pivot tables in Excel for financial analysis? | **2 Marks** | **Remember** | **CO2** |

**Part B**

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| **Answer ALL the Questions. Each question carries 7 marks. (5Q x 7M = 35M)** | **Bloom's Level**  | **CO** |
| **11** |  | Describe financial modeling concepts, characteristics, and goals for creating effective models.  | **7 Marks** | **Understand** | **CO1** |
|  | **Or** |
| **12** |  | Explain the nature and functions of financial modeling. | **7 Marks** | **Understand** | **CO1** |

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| **13** |  | Briefly explain the different applications of financial modeling in business? Provide examples. | **7 Marks** | **Understand** | **CO2** |
|  | **Or** |
| **14** |  | Explain the concept of relative valuation and how a football field chart is used in this technique. | **7 Marks** | **Understand** | **CO2** |

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| **15** |  | Define ratio analysis, and explain how it is applied in financial modeling? Provide atleat 3 examples of commonly used ratios. | **7 Marks** | **Understand** | **CO3** |
|  | **Or** |
| **16** |  | Explain DuPont analysis and its significance in financial performance evaluation. | **7 Marks** | **Understand** | **CO3** |

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| **17** |  | Interpret financial statements, recognizing the importance of financial statements in evaluating a company's financial well-being. | **7 Marks** | **Understand** | **CO3** |
|  | **Or** |
| **18** |  | Explain the purpose and structure of an income statement. How is it used for financial decision-making? | **7 Marks** | **Understand** | **CO3** |

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| **19** |  | Discuss how Excel can be used to perform financial analysis. Explain the importance of formatting and using Excel formulas in financial modeling. | **7 Marks** | **Understand** | **CO4** |
|  | **Or** |
| **20** |  | Who typically builds financial models and what are the key factors to consider while building them? | **7 Marks** | **Understand** | **CO4** |

**Part C**

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| **Answer Any THREE Questions. Each question carries 15 marks. (3Q x 15M = 45M)** | **Bloom's Level**  | **CO** |

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| **21** | Discuss the various financial modeling techniques, including ratio analysis, DuPont analysis, and peer-to-peer analysis. How are these techniques applied to assess a company’s financial performance? | **15 Marks** | **Apply** | **CO4** |
| **22** | Discuss the process of building a financial model. What are the steps involved and the common challenges faced during the modeling process? | **15 Marks** | **Apply** | **CO4** |
| **23** | How do financial analysts use the financial statements to analyze a company's performance? Explain with examples how non-current liabilities and other components affect financial analysis. | **15 Marks** | **Apply** | **CO2** |
| **24** | Financial modeling is often used for strategic analysis. Explain how financial models help in strategic decision-making and what role they play in business forecasting. | **15 Marks** | **Apply** | **CO1** |

**\*\*\*\*\* BEST WISHES \*\*\*\*\***