

**B.E/B.TECH DEGREE EXAMINATIONS: NOV/DEC 2024**

(Regulation 2018)

Seventh Semester

**MECHANICAL ENGINEERING**

U18MET7001: Engineering Economics and Financial Management

**COURSE OUTCOMES****CO1:** Evaluate the economic theories, cost concepts and pricing policies**CO2:** Analyze the market structures and integration concepts**CO3:** Apply the concepts of national income and understand the functions of banks and concepts of globalization**CO4:** Apply the concepts of financial management for project appraisal and working capital management**CO5:** Understand accounting systems**CO6:** Analyze financial statements using ratio analysis**Time: Three Hours****Maximum Marks: 100****Answer all the Questions:-****PART A (10 x 2 = 20 Marks)****(Answer not more than 40 words)**

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|--|-----|-------------------|
| 1. Illustrate the flow of economy, in general.                             | CO1 | [K <sub>2</sub> ] |
| 2. Define the term balance sheet.  | CO6 | [K <sub>2</sub> ] |
| 3. List down the different types of partners.                              | CO2 | [K <sub>2</sub> ] |
| 4. Outline about Corporation.  | CO2 | [K <sub>2</sub> ] |
| 5. Define NDP.   | CO3 | [K <sub>2</sub> ] |
| 6. Infer about Economic Globalization.                                     | CO3 | [K <sub>2</sub> ] |
| 7. List down the objectives of financial management.                       | CO4 | [K <sub>2</sub> ] |
| 8. Illustrate the different type of management needed for working capital. | CO4 | [K <sub>2</sub> ] |
| 9. Define journal entry.   | CO5 | [K <sub>2</sub> ] |
| 10. List down the different types of Ratio analysis.                       | CO6 | [K <sub>2</sub> ] |

**Answer any FIVE Questions:-****PART B (5 x 16 = 80 Marks)****(Answer not more than 400 words)**

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|--|---|-----|-------------------|
| 11. a) Experiment with the law of supply and demand with graphical explanation | 8 | CO1 | [K <sub>3</sub> ] |
| b) Illustrate the different types of costs                                     | 8 | CO1 | [K <sub>3</sub> ] |

12.	a)	Discuss about the general considerations to be noted down while doing the pricing policies	10	CO1	[K <sub>2</sub> ]
	b)	Explain a trial balance sheet and discuss	6	CO5	[K <sub>3</sub> ]
13.		Classify the different types of market structure and explain with examples, about	16	CO2	[K <sub>2</sub> ]
	a.	Monopoly			
	b.	Oligopoly			
	c.	Duopoly			
	d.	Diversification			
14.	a)	Identify and explain the methods of measuring national income	12	CO3	[K <sub>3</sub> ]
	b)	Explain the term” Time Value of Money”	4	CO3	[K <sub>2</sub> ]
15.		List down the sources of Finance and explain a project at your own	16	CO4	[K <sub>3</sub> ]
16.	a)	Classify the different types of book-keeping and compare single entry with double entry	10	CO5	[K <sub>3</sub> ]
	b)	Discuss about the summary of financial ratios	6	CO6	[K <sub>3</sub> ]

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