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**Bengaluru**

**School of Information Science**

**End - Term Examinations – January 2025**

|  |  |
| --- | --- |
| **Semester**: III | **Date**: 02-01-2025 |
| **Course Code**: BBA1055 | **Time**: 09:30am – 12:30pm |
| **Course Name**: Managerial Economics and Financial accounting | **Max Marks**: 100 |
| **Program:** MCA | **Weightage**: 50% |

**Instructions:**

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

**Part A**

**Answer ALL the Questions. Each question carries 2 marks.**  
*(10 Questions x 2 Marks = 20 Marks)*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SL NO.** | **QUESTION** | **MARKS** | **COURSE OUTCOME NO.** | **BLOOM'S LEVEL** |
| **01** | Define Managerial Economics. | 2 | CO1 | Remember |
| **02** | State the Law of Supply. | 2 | CO1 | Remember |
| **03** | Differentiate between Fixed Cost and Variable Cost. | 2 | CO2 | Remember |
| **04** | What is production function? | 2 | CO2 | Remember |
| **05** | State price elasticity of supply. | 2 | CO1 | Remember |
| **06** | State the three types of accounts in accounting | 2 | CO3 | Remember |
| **07** | What is demand curve? | 2 | CO1 | Remember |
| **08** | State the periodicity concept in accounting. | 2 | CO3 | Remember |
| **09** | What is Trading account? | 2 | CO4 | Remember |
| **10** | Describe Market equilibrium. | 2 | CO1 | Remember |

**Part B**

**Answer ANY ONE question from each pair (a or b). Each question carries 7 marks.**  
*(5 Questions x 7 Marks = 35 Marks)*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SL NO.** | **QUESTION** | **MARKS** | **COURSE OUTCOME NO.** | **BLOOM'S LEVEL** |
| **11 (a)** | Prepare Trial Balance: | **7 Marks** | CO3 | Apply |
| **Particulars** | **Amount (₹)** |  |  |  |
| ------------------------- | ---------------- |  |  |  |
|  |  |  |  |  |
| Purchases | 52000 |  |  |  |
| cash | 15000 |  |  |  |
| furniture | 6000 |  |  |  |
| Salaries | 5000 |  |  |  |
| creditors | 7000 |  |  |  |
| Purchase return | 1000 |  |  |  |
| debtors | 9800 |  |  |  |
| sales | 61000 |  |  |  |
| Sales return | 200 |  |  |  |
| capital | 19000 |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| **11 (b)** | Journalise the following transactions for the month of April 2021: | **7 Marks** | CO3 | Apply |
| **Date** | **Particulars** | **Amount (₹)** |  |  |
| --------------- | ----------------------------------- | ------------ |  |  |
| April 1 | Started business with cash | 5,00,000 |  |  |
| April 3 | Purchased goods for cash | 50,000 |  |  |
| April 5 | Purchased goods on credit | 75,000 |  |  |
| April 7 | Sold goods for cash | 1,00,000 |  |  |
| April 10 | Paid office rent | 15,000 |  |  |
| April 12 | Paid wages | 10,000 |  |  |
| April 15 | Sold goods on credit | 1,50,000 |  |  |
| April 17 | Purchased office equipment | 60,000 |  |  |
| April 20 | Paid creditors | 70,000 |  |  |
| April 22 | Received cash from debtors | 1,25,000 |  |  |
| April 25 | Paid salary | 25,000 |  |  |
| April 27 | Paid electricity bill | 5,000 |  |  |
| April 30 | Cash sales for the month | 2,00,000 |  |  |
| **12 (a)** | Prepare Balance sheet of AB Ltd. As on 31 March 2020 | **7 Marks** | CO4 | Apply |
|  | Cash | 43000 |  |  |
|  | Bank | 267500 |  |  |
|  | Trade receivables | 749500 |  |  |
|  | Inventory | 900000 |  |  |
|  | Capital | 2000000 |  |  |
|  | Creditors | 560000 |  |  |
|  | Machinery and Equipment | 600000 |  |  |
| **12 (b)** | Calculate Gross Profit from the following data. | **7 Marks** | CO4 | Apply |
|  | Sales | 6,60,000 |  |  |
|  | Sales Return | 10,000 |  |  |
|  | Purchase Return | 20,000 |  |  |
|  | Purchases | 2,00,000 |  |  |
|  | Closing Stock | 50,000 |  |  |
|  | Opening Stock | 40,000 |  |  |
|  | Wages | 1,00,000 |  |  |
| **13 (a)** | Illustrate the concept of iso-cost line with the help of a diagram | **7 Marks** | CO2 | Understand |
| **13(b)** | What is **Average Revenue (AR)**, **Total Revenue (TR)**, and **Marginal Revenue (MR)**? Calculate these values for the following data: | **7 Marks** | CO2 | Apply |
| **Output (Units)** | **Price per Unit (₹)** |  |  |  |
| --------------------- | ------------------------ |  |  |  |
| 10 | 1000 |  |  |  |
| 20 | 900 |  |  |  |
| 30 | 800 |  |  |  |
| 40 | 700 |  |  |  |
| 50 | 600 |  |  |  |
| **14 (a)** | Discuss economies of scale and the types of economies of scale. | **7 Marks** | CO2 | Understand |
| **14 (b)** | Explain the law of variable proportion | **7 Marks** | CO2 | Understand |
| **15 (a)** | Explain the concept of demand curve and illustrate the concept of movement along demand curve with proper graph. | **7 Marks** | CO1 | Understand |
| **15 (b)** | Explain the Law of Demand and the factors that influence demand | **7 Marks** | CO1 | Understand |

**Part C**

**Answer ALL Questions. Each question carries 15 marks.**  
*(3 Questions x 15 Marks = 45 Marks)*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SL NO.** | **QUESTION** | **MARKS** | **COURSE OUTCOME NO.** | **BLOOM'S LEVEL** |
| **16** | Prepare the **Trading Account**, **Profit and Loss Account**, and **Balance Sheet** from the following data: | **15 Marks** | CO4 | Apply |
| **Particulars** | **Amount (₹)** |  |  |  |
| ----------------- | ---------------- |  |  |  |
| Opening Stock | 30,000 |  |  |  |
| Purchases less Returns | 20,000 |  |  |  |
| Sales | 50,000 |  |  |  |
| Capital | 1,00,000 |  |  |  |
| Salary | 8,000 |  |  |  |
| Bills Payable | 5,000 |  |  |  |
| Printing & Stationery | 7,000 |  |  |  |
| Closing Stock | 40,000 |  |  |  |
| Bills Receivable | 40,000 |  |  |  |
| Buildings | 50,000 |  |  |  |
| **17** | Journalise the following transactions and post them to the **Ledger**: | **15 Marks** | CO3 | Apply |
| **Date** | **Particulars** |  |  |  |
| --------------- | --------------------------------------- |  |  |  |
| Jan 1 | Business commenced with a capital of 600000 |  |  |  |
| Jan 5 | 4,50,000 deposited in a bank account. |  |  |  |
| Jan 10 | Purchased goods worth 40,000 for cash and 45,000 on credit from R ltd. |  |  |  |
| Jan 15 | 2,30,000 Plant and Machinery Purchased by paying cash |  |  |  |
| Jan 20 | 70,000 cash sales |  |  |  |
| Jan 25 | Insurance paid by cheque of 2,500. |  |  |  |
| Jan 30 | Furniture of 30,000 purchased in cash. |  |  |  |
| Jan 31 | Paid Salary 5000 |  |  |  |
| 18 | Calculate the **TVC (Total Variable Cost)**, **TFC (Total Fixed Cost)**, and **MC (Marginal Cost)** for the following production data: | **15 Marks** | CO2 | Apply |
| **Output (Units)** | **Total Cost (₹)** |  |  |  |
| ----------------- | -------------------- |  |  |  |
| 0 | 25,000 |  |  |  |
| 100 | 55,000 |  |  |  |
| 200 | 85,000 |  |  |  |
| 300 | 1,20,000 |  |  |  |
| 400 | 1,60,000 |  |  |  |
| 500 | 2,05,000 |  |  |  |
| 19 | Explain elasticity of demand and its types, also explain the five degrees of elasticity of demand | 15 | CO1 | Understand |