

Roll No



**PRESIDENCY UNIVERSITY  
BENGALURU**

**SCHOOL OF MANAGEMENT  
MAKE-UP EXAMINATION - SEP 2023**

**Course Code :** MGI263

**Course Name :** MGI263 - Accounting in Logistics and Supply Management

**Program :** BBA

**Date :** 30-SEP-2023

**Time :** 1.00PM - 4.00PM

**Max Marks :** 100

**Weightage :** 50%

**Instructions:**

- (i) Read all questions carefully and answer accordingly.
- (ii) Question paper consists of 3 parts.
- (iii) Scientific and non-programmable calculator are permitted.
- (iv) Do not write any information on the question paper other than Roll Number.

**PART A**

**ANSWER ALL THE FOLLOWING QUESTIONS**

**10 X 2 = 20M**

1. Mention any two objectives of logistics in accounting  
(CO1) [Knowledge]
2. Mention the components of Transport costing.  
(CO2) [Knowledge]
3. Give the formula to calculate Absolute Tonne Kilometer  
(CO3) [Knowledge]
4. What is a BINCARD?  
(CO4) [Knowledge]
5. Mention few costing techniques.  
(CO5) [Knowledge]
6. Explain the role of a cost accountant in a transportation Industry.  
(CO1) [Comprehension]
7. What are Maintenance Charges?  
(CO2) [Comprehension]
8. What is Abnormal Loss?  
(CO3) [Comprehension]
9. What is Maximum Stock level? Mention its formula.  
(CO4) [Comprehension]

10. What is LIFO?

(CO5) [Comprehension]

## PART B

ANSWER ALL THE FOLLOWING QUESTIONS

4 X 10 = 40M

11. Calculate the cost per km of the vehicle for a transport company for the year 2022 from the data given below.

| Particulars                          | Value     |
|--------------------------------------|-----------|
| Salary for 1 driver(Per month)       | 6000      |
| Wages for Cleaner(Per annum)         | 60,000    |
| Insurance for 1 vehicle (1 year)     | 4500      |
| Road Tax (Per quarter)               | 4000      |
| Garage Rent (Per month)              | 1800      |
| Depreciation for tyres               | 0.60      |
| Cost of deisel (per liter)           | 60        |
| Kms run (per liter)                  | 12        |
| Estimated life of the vehicle        | 20,000 km |
| Kms run for the year                 | 40,000 km |
| Estimated scrap value of the vehicle | 60,000    |
| Cost of the asset                    | 4,00,000  |

(CO2) [Comprehension]

12. Differentiate between Process Costing and Job Costing?

(CO3) [Comprehension]

13. Prepare process accounts and calculate total cost of production from the data given below.

| Particulars             | Process X | Process Y | Process Z |
|-------------------------|-----------|-----------|-----------|
| Materials               | 2250      | 750       | 300       |
| Labour                  | 1200      | 3000      | 900       |
| <b>Direct Expenses:</b> |           |           |           |
| Fuel                    | 300       | 200       | 400       |
| Carriage                | 200       | 300       | 100       |
| Works overheads         | 1890      | 2580      | 1875      |

Indirect expenses Rs. 1275/- should be apportioned on the basis of wages.

(CO3) [Comprehension]

14. From the following information, calculate Economic Order Quantity and the number of orders to be placed in one quarter of the year.

- ( i) Quarterly consumption of materials 2,000 kg
- ( ii) Cost of placing one-order rs.50
- (iii) Cost per unit rs.40
- (iv) Storage and carrying cost is 8% of average inventory.

(CO4) [Comprehension]

## PART C

ANSWER ALL THE FOLLOWING QUESTIONS

2 X 20 = 40M

**15.** The following transactions occur in the purchase and issue of materials.

Jan 2nd Purchased 4000 units at Rs. 4 per unit.

Jan 20th Purchased 500 units at Rs. 5 per unit.

Feb 5th Issued 2000 units

Feb 10th Purchased 6000 units at Rs. 6 per unit.

Feb 12th Issued 4000 units

March 2nd Issued 1000 units

March 5th Issued 2000 units.

March 15th Purchased 4500 units at Rs. 5.5 per unit.

March 20th Issued 3000 units

From the above prepare the stores ledger account using **FIFO** and **LIFO** methods.

(CO3) [Comprehension]

**16.** What is an Operating Charge? Give appropriate examples.

(CO2) [Application]