**BBA5CasC503x** **Seat No :________**

# B.B.A. Semester - 5 (Remedial) (*CBCS*) Examination
## March/April-2025 (NEW COURSE)
## Cost Accounting System(Core)

**Time: 2:30 Hours** **Marks: 70**

**Instructions:**

1. All questions are compulsory.
2. Figures to the right indicate marks.

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Que.1 Discuss the meaning of Cost Accounting and its limitations. (14)

OR

Que.1 (A) Explain the scope of Cost Accounting. (07)

Que.1 (B) Difference between Cost Accounting & Financial Accounting. (07)

Que.2 (A) The following data were obtained from the store department of Jay Ltd for a year. Calculate the following (07)

(1) Closing Stock
(2) Consumption of Material
(3) Material Turnover Rate

| | |
|---|---|
| Opening Stock | Rs 35,000 |
| Purchase | Rs 95,000 |
| Average Stock | Rs 30,000 |

(B) From the following information find out the Purchase: (07)

| | |
|---|---|
| Opening Stock | Rs 1,00,000 |
| Average Stock | Rs 1,40,000 |
| Inventory Turnover Ratio | 4 times |

OR

Que.2 From the following information of Pavan Ltd: (14)

**Find out:**

(1) Re- order level (2) Minimum Level (3) Maximum Level.
(4) Average Level (5) Danger level

| | |
|---|---|
| Maximum Delivery Period | 45 days |
| Average Delivery Period | 35 days |
| Minimum Delivery Period | 25 days |
| Maximum Delivery time for emergency purchase | 5 days. |
| Maximum rate of consumption per day | 30 units. |
| Average Rate of Consumption per day | 25 units. |
| Minimum rate of consumption per day | 20 units. |
| Ordering Quantity | 600 units. |

**Also find EOQ from the following information**

Consumption of Raw material for 6 months = 12,000 units. Cost per Unit is Rs 20, cost of placing an order is Rs 100. Cost of storing is 25 %.

Que.3 A worker working in **Ramesh Ltd** has been allowed to complete a work in 12 hours, but he completes the work in 9 hours. Labour rate per hour is Rs 2. If the cost of material is Rs 8 and factory overheads are 150 % of direct labour then, calculate total factory cost of a product according to Time Wage, Piece Wage, Halsey Plan and Rowan Plan. (14)

OR

Que.3 Information regarding workers of Nita-rutika Ltd. Is as under: (14)

| | |
|---|---|
| Number of workers as on 1 st june | 9000 |
| Number of workers as on 30th june | 11,000 |
| Number of workers who resigned | 600 |
| Number of workers suspended | 1,000 |

| | |
|---|---|
| Number of workers retired | 1,200 |
| Labour Turnover as per Flux Method | 30%. |
| Recruitment (new) | 1,400 |

Out of a new recruitment 40 % of workers appointed under expansion plan.

**Find out:**

Labour turnover rate by replacement method, separation method, flux method & annual equivalent LTR as per all the three methods.

Que.4 Discuss types of Overheads in detail. (14)

OR

Que.4 In a factory A, B & C are production departments and M & N are service departments. Following are the details of March 2022. (14)

| Particulars | Amount in Rs. |
|---|---|
| Indirect Labour | 1,300 |
| Insurance | 1,320 |
| Canteen Expenses | 1,800 |
| Lighting | 480 |
| Factory Manager's Salary | 2,400 |
| Rent & Taxes | 20,000 |
| ESI Contribution | 650 |
| Depreciation | 3,300 |
| Power | 2,400 |

**Other Information:**

| Particulars | A | B | C | M | N |
|---|---|---|---|---|---|
| Light Points | 6 | 5 | 4 | 3 | 2 |
| Direct Labour (in Rs.) | 2,250 | 2,000 | 1,450 | 600 | 200 |
| Value of Plant (in Rs) | 30,000 | 20,000 | 15,000 | 500 | 500 |
| Consumption of Power (on the basis of units) | 400 | 600 | 200 | ---- | ---- |
| Space occupied (in sq.ft) | 300 | 200 | 250 | 150 | 100 |
| Proportion of time spent by Manager | 5 | 5 | 4 | 1 | 1 |
| No.of employees | 10 | 12 | 8 | 6 | 4 |

**Expenses of M and N are to be distributed as under.**

| Particulars | A | B | C |
|---|---|---|---|
| Dept .M | 25% | 35% | 40 % |
| Dept.N | 30% | 40% | 30% |

**Prepare statement showing apportionment of indirect expenses to Production Department.**

Que.5 **Twinkle Star Travels** has a tempo. They have provided you the following information. You are required to prepare statement showing calculation cost of travelling per kilometer. (14)

| Particulars | Rs. |
|---|---|
| Cost of Tempo | 1,00,000 |
| Road Lines Fee (Annual) | 3,000 |
| Supervision & Salary (Annual) | 7,200 |
| Drivers Wages per hour | 16 |
| Petrol Expenses per litre | 6 |
| Repairs and Maintenance Expense (per km) | 4 |
| Tyre Expenses (per km) | 2 |
| Garage Rent (Annual) | 6,400 |
| Insurance Premium (Annual) | 3,400 |
| Average k.m. per litre | 20 km |

| | |
|---|---|
| Travelling during the year | 30,000 kms |
| Estimated life of tempo | 1,50,000 kms |
| Annual Interest (rate) on – Cost of Tempo | 10 % |
| Running of Tempo per hour (Average) | 20 k.m |

OR

Que.5 K Ltd. manufactured and sold 1,000 instruments for the year ending 31/03/2022. Summarized Trading and Profit & Loss Account for the year ending is as under: (14)

| **Particulars** | **Amount (Rs)** | **Particulars** | **Amount (Rs)** |
|---|---|---|---|
| To Direct Materials<br>To Direct Wages<br>To Manufacturing Charges<br>To Gross Profit | 2,00,000<br>3,00,000<br>1,50,000<br>1,25,000 | By Sales | 7,75,000 |
| TOTAL | 7,75,000 | | 7,75,000 |
| To Administrative expenses.<br>Fixed 50,000<br>Variable 10,000<br>To selling expenses<br>Fixed 5,000<br>Variable 20,000<br>To Net Profit | <br><br>60,000<br><br><br>25,000<br>40,000 | By Gross Profit | 1,25,000 |
| TOTAL | 1,25,000 | | 1,25,000 |

**For the year 2021-2022, it is estimated that:**

1) Production and sales will be of 1,250 instruments.
2) Price of the material will rise by 25%.
3) Wage Rate will rise by 10 %.
4) Manufacturing Charges will increase in proportion to the combined cost (or expenses) of material and wages. **Prepare Cost Sheet for the year ending 31/03/22 and prepare an estimated cost sheet, showing the price at which instruments to be sold in 2022-2023 as to earn a profit of 20% on Selling Price.**

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