(For candidates admitted from the academic year 2023-2024)

## B.COM. DEGREE EXAMINATION, APRIL 2024 <br> COMMERCE <br> SECOND SEMESTER

COURSE
PAPER
SUBJECT CODE
TIME
: MAJOR CORE
: COST ACCOUNTING
: 23CM/MC/ CT24
: 3 HOURS
MAX. MARKS: 100

|  | SECTION A ( $5 \times 2=10$ ) |  |  |
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| Q. No. | Answer all the questions: | CO | KL |
| 1. | State any two objectives of Cost accounting. | 1 | K1 |
| 2. | Mention the significance of computing EOQ. | 1 | K1 |
| 3. | What is overtime wages? | 1 | K1 |
| 4. | Write any two differences between apportionment and allocation of overheads. | 1 | K1 |
| 5. | What is activity- based costing? | 1 | K1 |
| Q. No. | Answer all the questions: SECTION B $\quad(5 \times 2=10)$ | CO | KL |
| 6. | Ascertain the profit and for the year 2020, when cost of sales is ₹ $3,00,000$ and profit is $20 \%$ of sales. | 2 | K2 |
| 7. | Compute EOQ, when the consumption of material per annum is ₹ 8,000 , ordering cost per order is ₹ 25 and storage and carrying cost per annum is $10 \%$ of inventory value. | 2 | K2 |
| 8. | Calculate the labour turnover under replacement method, when the number of employees replaced during 2019: 1,000, employees on 1/1/2019: 7,000 and employees on 31/12/2019: 9,000. | 2 | K2 |
| 9. | Compute the overhead absorption rate as per prime cost method, when direct materials is ₹ 75,000 , direct labour is ₹ 30,000 and the works overhead is ₹ 15,000 . | 2 | K2 |
| 10. | Find out Abnormal Loss/ Gain units and mention it's treatment in process account, when input is 5,000 units, normal loss is $20 \%$ and the output is 4,300 units. | 2 | K2 |
| Q. No. | SECTION C  <br> Answer any two questions: $(2 \times 10=20)$ | CO | KL |
| 11. | From the following information calculate the earnings of the worker for a week under: (a) Straight piece rate, (b) Differential piece rate, (c) Halsey plan and (d) Rowan plan, when Number of working hours per week is 48, Wages per hour - ₹ 375 , Normal time per piece- 20 minutes, Rate per piece- ₹ 150 and actual output is 150 units. Differential piece rate: $80 \%$ of piece rate when output is below standard and $120 \%$ when above standard. | 3 | K3 |


| 12 | From the following information, calculate: <br> a) Maximum stock level <br> b) Minimum stock level <br> c) Reorder level <br> d) Average stock level <br> Minimum consumption - 240 units per day, maximum consumption - 420 units per day, normal consumption - 300 units per day, reorder quantity 3600 units, reorder period - 10-15 days and normal reorder period - 12 days. |  |  |  |  |  | 3 | K3 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 13. | Calculate machine hour rate from the following: |  |  |  |  |  | 3 | K3 |
|  | Cost of machine |  |  |  | ₹ 19,200 |  |  |  |
|  | Estimated scrap value |  |  |  |  |  |  |  |
|  | Repair charges per month |  |  |  |  |  |  |  |
|  | Standing charges allocation to machine per month |  |  |  | ₹ |  |  |  |
|  | Effective working life of machine |  |  |  |  |  |  |  |
|  | Running time per month |  |  |  |  |  |  |  |
|  | Power used by machine |  |  |  | 5 units per hour at 19 paise per unit |  |  |  |
|  | SECTION D |  |  |  |  |  |  |  |
| Q. No. | Answer any two questions: |  |  |  |  | $(2 \times 10=20)$ | CO | KL |
| 14. | A factory has three service departments, $\mathrm{L}, \mathrm{M}$ and N and two production departments- X and Y . The following are the expenses allocated and apportioned to the departments as per primary distribution summary. |  |  |  |  |  | 4 | K4 |
|  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |
|  | The following additional information is also available on the basis of a detailed analysis made. |  |  |  |  |  |  |  |
|  |  | Service departments |  |  | Production departments |  |  |  |
|  |  | L | M | N |  | Y |  |  |
|  | L's service used | - | 20\% | 30\% |  | 20\% |  |  |
|  | M's service used | - | - | 40\% |  | 30\% |  |  |
|  | N's service used | - - | - | - |  | 40\% |  |  |
|  | Prepare a statement showing apportionment of service department overheads under the step ladder method. |  |  |  |  |  |  |  |


| 15. | Shriman operates a taxi, compute cost per running kilometre from the following details: | 4 | K4 |
| :---: | :---: | :---: | :---: |
| 16. | The following details are available in respect of processes A\&B for May 2020. <br> Process A transfers its output to process B at a profit of $20 \%$ on transfer price and Process B transfers its product to finished stock at $20 \%$ on cost. The finished goods are sold for ₹ $2,00,000$. Prepare the process accounts, finished stock account and profit and loss account showing the total profit for the month, assuming the sundry expenses were ₹ 20,000 , which were not apportioned to the processes. | 4 | K4 |
| Q. No | SECTION E Answer any two questions: | CO | KL |
| 17. | Prepare cost sheet for the year 2021 from the following showing the cost and cost per unit. Number of units produced 2,000 . <br> Closing stock of finished goods 120 units. Profit $10 \%$ on sales. <br> During the year 2022, it is decided to increase the production to 2,400 units. It is anticipated that: <br> a) Material price will increase by $10 \%$ <br> b) Wages will reduce by $20 \%$ <br> c) Other expenses will remain constant per unit. <br> d) Expected profit $20 \%$ on sales. <br> Ascertain selling price to be fixed per unit. | 5 | K5 |



