# Maulana Azad National Urdu University <br> M.Com, III Semester Examination, February 2022 <br> Paper : MMCM303CCT : Cost Accounting <br>  

Time : $\mathbf{3} \mathbf{h r s}$
Marks : 70



Two products X and Y are used as follows:

| Normal Usage | $=$ |
| :--- | :--- |
| Maximum Usage | $=1,000$ units per week |
| Minimum Usage | $=\quad 1,500$ units per week |

Re-order Quantity
$X=6,000 \quad Y=10,000$
Re-order Period
$\mathrm{X}=4$ to 8 weeks
$\mathrm{Y}=2$ to 5 weeks

Minimum Stock Level (ii)
Average Stock level (iv)
Re-order Level
(i)

Maximum Stock Level
(iii)

Time Keeping
Book Keeping


| Purchased |  | Issued |  |  |
| ---: | :---: | :---: | :---: | :---: |
| Date | Quantity Unit | Price P.U (Rs.) | Date | Quantity Units |
| Jan 3, 2022 | 750 Kg | 2 | Jan 19, 2022 | 850 Kg |
| Jan 18, 2022 | 350 Kg | 2.10 | Jan 26, 2022 | 450 Kg |
| Jan 25, 2022 | 600 Kg | 2.20 | Jan 29,2022 | 510 Kg |
| $1 / 3$ | Jan 28, 2022 | 500 Kg | 2.30 | Jan 30,2022 |


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## Receipts

December 1 Opening balance 500 units @ Rs. 4 per unit
December 5200 units @ Rs. 4.25 per unit
December 12 Received 150 units @ Rs. 4.10 per unit
December 20 Received 300 units @ Rs. 4.50 per unit
December 25 Received 400 units @ Rs. 4.00 per unit
Issues
December 4 Issued 200 units
December 10 Issued 400 units
December 15 Issued 100 units
December 19 Issued 100 units
December 26 Issued 200 units
December 30 Issued 250 units

 Allocation of Overhead

| No. of workers at the begining of year | $=$ | 3,800 |
| :--- | :--- | :--- |
| No. of workers at the end of year | $=$ | 4,200 |

During the year 40 workers left, while 160 workers are discharged. 600 workers were required during the year, of those 150 workers are recruited because of leavers and rest are engaged in accordance with an expansion scheme.

Replacement Method (c)

| Annual Requirement | $=$ | 600 units |
| :--- | :--- | :--- |
| Cost of Material | $=$ | Rs. 40 per unit |
| Cost of Placing and Receiving | $=$ | Rs. 50 |
| Annual carrying cost of inventary | $=$ | $10 \%$ |
| $\quad$ Opening Stock | $=$ | 150 units |
| Closing Stock | $=$ | 750 units |



EoQ (a)
Average Inventory (b)
No. of order per year (c)


| Particulars | Amount (Rs.) | Particular | Amount (Rs.) |
| :--- | :---: | :--- | :---: |
| Direct Material | $4,00,000$ | Office Stationary | 2,000 |
| Direct Expenses | 50,000 | Telephone | 2,500 |
| Direct Wages | 20,000 | Charges | 5,000 |
| Wages of Fireman | 10,000 | Salesman Salary | 1,500 |
| Lighting | 6,000 | Carriage Outward | 2,500 |
| Store Keeper Wages | 4,000 | Advertising | 2,000 |
| Oil and Water | 2,000 | Wareshouse | $2,10,00$ |
| Power | 5,000 | Charges |  |
|  |  | Sales |  |

