

D1BCP2402 (S1)

Name:

Reg. No.:

FIRST SEMESTER FYUGP EXAMINATION NOVEMBER 2025**Improvement/Supplementary (2024 Admissions)****MINOR****COP1MN104: ESSENTIALS OF COST ACCOUNTING****Time: 2 Hrs.****Maximum Marks: 70**

M: Mark

BL: Bloom's Taxonomy Level (1 to 6)

CO: Course Outcome

Section A: Answer all questions. Each carries 3 marks.				
Ceiling: 24 Marks				
No.	Question	M	BL	CO
1.	What is cost audit?	3	2	CO1
2.	State the scope of cost accounting.	3	2	CO1
3.	What is abnormal cos?	3	1	CO1
4.	Mention the elements of material control.	3	2	CO1
5.	What is material usage control?	3	2	CO1
6.	Comment on defectives.	3	2	CO1
7.	What is Rowan premium plan?	3	2	CO1
8.	Enlist the advantages of Rowans plan.	3	2	CO1
9.	State the classification according to function.	3	2	CO1
10.	What is codification and collection of overhead?	3	2	CO1
Section B: Answer all questions. Each carries 6 marks.				
Ceiling: 36 Marks				
No.	Question	M	BL	CO
11.	How cost accounting helps in the preparation of financial statements ?	6	2	CO1 CO2 CO3
12.	What are the requirements of material control?	6	2	CO1
13.	Differentiate between time keeping and time booking	6	2	CO1
14.	Which are the mechanical records of time keeping ?	6	2	CO1
15.	Standard output 24 units per day of 8 hours. Output – A 16 units, B 21 units, and C 25 units. Calculate wages under Merrik's system	6	3	CO1 CO2
16.	List the differences between apportionment and absorption.	6	2	CO1
(PTO)				

17.	<p>From the following information calculate the cost of production</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Raw material consumed</td> <td style="text-align: right;">30,000</td> </tr> <tr> <td>Productive wages</td> <td style="text-align: right;">18,000</td> </tr> <tr> <td>Machine hour worked</td> <td style="text-align: right;">900</td> </tr> <tr> <td>Administrative overheads:</td> <td style="text-align: right;">20 % on work cost</td> </tr> <tr> <td>Machine hour rate</td> <td style="text-align: right;">Rs.10</td> </tr> </table> <p>Calculate cost of sales from the following details:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Prime cost :</td> <td style="text-align: right;">Rs. 51,000</td> </tr> <tr> <td>Work overhead :</td> <td style="text-align: right;">20% on prime cost</td> </tr> <tr> <td>Administrative overhead :</td> <td style="text-align: right;">10% on work cost</td> </tr> <tr> <td>Selling overhead :</td> <td style="text-align: right;">5% on cost of production</td> </tr> </table>	Raw material consumed	30,000	Productive wages	18,000	Machine hour worked	900	Administrative overheads:	20 % on work cost	Machine hour rate	Rs.10	Prime cost :	Rs. 51,000	Work overhead :	20% on prime cost	Administrative overhead :	10% on work cost	Selling overhead :	5% on cost of production	6	3	CO1 CO2 CO3								
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18.	<p>Mr. A furnishes the following data relating to the manufacture of a standard product during the month of Jan 2024.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Raw material purchased</td> <td style="text-align: right;">15,000</td> </tr> <tr> <td>Opening stock of raw material</td> <td style="text-align: right;">4,000</td> </tr> <tr> <td>Closing stock of raw material</td> <td style="text-align: right;">5,000</td> </tr> <tr> <td>Direct labour cost</td> <td style="text-align: right;">9,000</td> </tr> <tr> <td>Machine hour worked hours</td> <td style="text-align: right;">900</td> </tr> <tr> <td>Machine hour rate</td> <td style="text-align: right;">5</td> </tr> <tr> <td>Carriage inwards</td> <td style="text-align: right;">1,000</td> </tr> <tr> <td>Administrative overhead</td> <td style="text-align: right;">20% on work cost</td> </tr> <tr> <td>Selling overheads</td> <td style="text-align: right;">50 paise/sold</td> </tr> <tr> <td>Units produced</td> <td style="text-align: right;">17,000</td> </tr> <tr> <td>Opening stock of finished products</td> <td style="text-align: right;">2000 units @ 1.50 per unit</td> </tr> <tr> <td>Unit sold</td> <td style="text-align: right;">16000 units</td> </tr> <tr> <td>Selling price per unit</td> <td style="text-align: right;">4</td> </tr> </table> <p>You are required to prepare:</p> <ol style="list-style-type: none"> i) Cost Sheet. ii) Statement showing profit and loss for the period. 	Raw material purchased	15,000	Opening stock of raw material	4,000	Closing stock of raw material	5,000	Direct labour cost	9,000	Machine hour worked hours	900	Machine hour rate	5	Carriage inwards	1,000	Administrative overhead	20% on work cost	Selling overheads	50 paise/sold	Units produced	17,000	Opening stock of finished products	2000 units @ 1.50 per unit	Unit sold	16000 units	Selling price per unit	4	6	3	CO1 CO2
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Section C: Answer any one question. Each carries 10 marks. (1 x 10 = 10 Marks)

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19.	<p>Kerala Chemical company supplies you the following details from its cost records.</p> <table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Stock of raw material(1st Sept 2025)</td> <td style="width: 20%; text-align: right;">75,000</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Stock of raw material(30th Sept 2025)</td> <td style="text-align: right;">91,500</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Direct wages</td> <td style="text-align: right;">52,500</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Indirect wages</td> <td style="text-align: right;">2,750</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Sales</td> <td style="text-align: right;">2,00,000</td> <td></td> <td></td> <td></td> </tr> <tr> <td>WIP on 1st sept 2025</td> <td style="text-align: right;">28,000</td> <td></td> <td></td> <td></td> </tr> <tr> <td>WIP on 30th sept 2025</td> <td style="text-align: right;">35,000</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Purchase of raw material</td> <td style="text-align: right;">66,000</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Factory rent, rates and power</td> <td style="text-align: right;">15,000</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Depreciation of plant and machinery</td> <td style="text-align: right;">3,500</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Expenses on purchase</td> <td style="text-align: right;">1,500</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Carriage outward</td> <td style="text-align: right;">2,500</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Advertising</td> <td style="text-align: right;">3,500</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Office rent and rates</td> <td style="text-align: right;">2,500</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Travellers wages and commission</td> <td style="text-align: right;">6,500</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Stock of finished goods 1st Sept 2025</td> <td style="text-align: right;">54,000</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Stock of finished goods 30th Sept 2025</td> <td style="text-align: right;">31,000</td> <td></td> <td></td> <td></td> </tr> </table> <p>Prepare a production statement giving the maximum possible break up of cost and profit.</p>	Stock of raw material(1 st Sept 2025)	75,000				Stock of raw material(30 th Sept 2025)	91,500				Direct wages	52,500				Indirect wages	2,750				Sales	2,00,000				WIP on 1 st sept 2025	28,000				WIP on 30 th sept 2025	35,000				Purchase of raw material	66,000				Factory rent, rates and power	15,000				Depreciation of plant and machinery	3,500				Expenses on purchase	1,500				Carriage outward	2,500				Advertising	3,500				Office rent and rates	2,500				Travellers wages and commission	6,500				Stock of finished goods 1 st Sept 2025	54,000				Stock of finished goods 30 th Sept 2025	31,000				10	3	CO1 CO2 CO3
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