

Vidya Vikas Mandal's  
Shree Damodar College of Commerce & Economics, Margao-Goa  
FY BCA, Semester- II, Semester End Examination April/May 2023  
Cost Accounting (CAG-102)

Duration: 2 hours

Total Marks: 60

- Instructions:** i) All questions are compulsory.  
ii) Figures to the right indicate full marks.  
iii) There is internal choice for questions from Q.2 to Q.6  
iv) Use of Calculator is permitted

Q.1. A Fill in the blanks

(5x1=05 Marks)

- In case of \_\_\_\_\_ shares the market value of shares increases due to higher profits and dividend.
- NACA stands for \_\_\_\_\_.
- The stock is valued at \_\_\_\_\_ in cost Accounting.
- The statement prepared to show the details of the total cost is called as \_\_\_\_\_.
- In \_\_\_\_\_ Accounting the cost is divided into fixed and variable cost.

**B** From the following information, calculate the earnings of a worker under Halsey Premium plan

(05 Marks)

Time Taken	80 hours
Time Allowed	95 Hours
Hourly Rate	Rs. 30
Dearness Allowance Rs. 20 per day of 8 hours work	

**Q.2.A.** From the above particulars, Prepare a Cost sheet for the year 2022 (10 Marks)

Opening Stock of Raw Materials	20,000
Purchase of Raw Material	55,000
Closing Stock of Raw Material	20,000
Carriage Inward	9,000
Direct Wages	1,95,000
Rent and Rates - Factory	15,000
Office Manager salary	5000
Office Water charges	1500
<b>Depreciation:</b>	
Machinery	15,000
Office Furniture	10,000
Salesman salary	2,000
Factory Repair	25,000
Other Factory Expenses	8,000
Other Office Expenses	9000
Advertisement Expenses	25,000
Salesmen Commission	8,000
Carriage Outward	16,000
Profit is 20% on cost	

OR

X.

<b>Opening Stock:</b>	
Raw Materials	24,000
Finished goods	16,000
<b>Closing stock:</b>	
Raw Materials	20,000
Finished goods	15,000
Purchase of Raw Materials	80,000
Sales	2,00,000
Direct Wages	35,000
Factory Wages	2,000
Carriage Inward	2,000
Carriage Outward	1,000
Factory Expenses	4,000
Office Salaries	15,000
Office Expenses	12,000
Factory Rent & Rates	2,500
Depreciation - Machinery	2,500
Bad Debts	1,500

**Q.3.A.** From the following transactions prepare store ledger account using Simple Average method **(10 Marks)**

Date	Particulars	Amount
1 <sup>st</sup> March	Opening Stock	1500 @ Rs. 8
8 <sup>th</sup> March	Purchase	200 @ Rs. 10
14 <sup>th</sup> March	Issued	1400
18 <sup>th</sup> March	Purchase	2500 @ Rs. 12
20 <sup>th</sup> March	Issued	1500
21 <sup>st</sup> March	Issued	400
23 <sup>rd</sup> March	Issued	800
25 <sup>th</sup> March	Purchase	2000 @ Rs. 10
30 <sup>th</sup> March	Issued	1000

OR

X. From the following particulars calculate inventory levels

**(10 Marks)**

- Minimum usage 900 units per week
- Maximum usage 2400 units per week
- Normal usage 1650 units per week
- Reordering period is 4 to 6 weeks
- Reordering quantity 4000 units

Q.4. A The following is an extract of the record of receipts and issues of material for the month of June Record the transaction in stores ledger using LIFO Method (10 Marks)

Date	Particulars	Units
1 August	Opening balance	600 units @Rs. 7
2 August	Purchased	800 units @Rs. 8
5 August	Issued	250 units
11 August	Issued	200 units
14 August	Purchased	700 units @ Rs. 6
16 August	Issued	400 units
21 August	Issued	300 units
23 August	Purchased	300 units @ Rs. 7
24 August	Purchased	400 units @ Rs. 9
30 August	Issued	500 units

**OR**

X. Prepare a store ledger account from the following transactions using FIFO Method (10 Marks)

Date	Particulars	Units
3 June	Opening stock	2000 units @ Rs. 5 per unit
6 June	Purchased	600 units @ Rs. 6 per unit
9 June	Issued	1000 units
11 June	Purchased	1000 units @ Rs. 7 per unit
13 June	Issued	600 units
15 June	Issued	500 units
24 June	Issued	200 units
25 June	Purchased	1000 units @ Rs. 9 per unit
29 June	Issued	600 units

Q.5. A Calculate the earnings of the workers Mala and Manisha under Taylor's differential Piece Rate Plan from the following Particulars. (10 Marks)

Standard Production	200 units per hour
Normal Rate	Rs. 120
Differential Piece Rate :	80% of Piece Rate below standard
	120% of Piece Rate above standard

In a day of 8 hours Mala Manufactured 1500 units and Manisha Manufactured 1800 units

**OR**

X. The following information relates to week ending 30 April 2023 for two workers Tina and Rita

Particulars	Tina	Rita
Hours worked	48	60
Daly working hours	10	10
No. of working days in a week	6	6
Flat time Rate per hour	Rs. 10	Rs. 10

Units manufactured	600	900
Rate per unit	Rs. 20	Rs. 20

Calculate the earnings of both workers under time rate and piece rate system. (10 Marks)

**Q.6.A.** A cement manufactured by ACC Ltd, passes through three distinct processes. In each process 2% of gross weight put in is lost and 10% is scrapped, which in case of process A and B realise @ Rs. 100 per quintal. (10 Marks)

	Process A	Process B
Material	8000 quintals @ Rs. 100 per quintal	1000 quintals @ Rs. 200 per quintal
Labour	50,000	50,000
Direct expenses	20,500	10,800
General Expenses	7,000	1,500
Cost of Tins	-	10,750

Indirect expenses are Rs. 5000 which are apportioned to all three processes in the ratio of labour.

**OR**

**X. A** Explain the features of Marginal costing

(5 Marks)

**B** Explain the concept Break Even Analysis

(5 Marks)