

Seat
No.

B.C.A. (Part - III) (Semester - V) Examination, October - 2015
MANAGEMENT ACCOUNTING (Paper - 501) (New)
Sub. Code : 66415

Day and Date : Friday, 30 - 10 - 2015.

Time : 3.00 p.m. to 6.00 p.m.

Total Marks : 80

- Instructions : 1) Attempt any Five questions.
 2) All questions carry 16 marks.
 3) Figures to the right indicate full marks.

Q1) Define management accounting and explain nature of management accounting. [16]

Q2) Define Ratio. Explain advantages of Ratio Analysis. [16]

Q3) A company producing a single article sales it at Rs. 10 each. The variable cost of production is Rs. 6, Fixed cost is Rs. 400 p.a. - [16]

Calculate :

- Contribution
- P.V. Ratio
- B.E. Sales
- Sales to earn a profit of Rs. 500
- Profit at Sales of Rs. 3,000

Q4) The following financial statement is of Arun Ltd. as on 31-3-2015 : [16]

Liabilities	Amount	Assets	Amount
Paid up capital	15,00,000	Fixed Assets	16,50,000
Reserve and surplus	6,00,000	Stock	9,10,000
Debentures- Long term	5,00,000	Debtors	12,40,000
Bank Over Draft	2,00,000	Investment-Short Term	1,60,000
Sundry Creditors	12,00,000	Cash	40,000
	40,00,000		40,00,000

Annual Sales Rs. 74,40,000, Gross profit Rs. 7,44,000

Calculate :

- Current Ratio.
- Debt Equity Ratio.
- Proprietary Ratio.
- G.P. Ratio.
- Debtors Turnover Ratio.
- Stock Turnover Ratio.

Q5) Prepare Cash Budget for January to June 2015 from the following particulars.

[16]

Months	Total Sales Rs.	Material Rs.	Wages Rs.	Production Overhead Rs.	Selling and Distribution overhead Rs.
January	20,000	20,000	4,000	3,200	800
February	22,000	14,000	4,400	3,300	900
March	24,000	14,000	4,600	3,300	800
April	26,000	12,000	4,600	3,400	900
May	28,000	12,000	4,800	3,500	900
June	30,000	16,000	4,800	3,600	1,000

Other information :

- Cash balance of 1st January 2015 was Rs. 10,000.
- A new machine is to be installed at Rs. 30,000 on credit to be paid by two equal installments in March and April.
- Sales Commission at a rate of 5% is to be paid within the month following actual sales.
- Rs. 10,000 being the amount of second call money may be received in March. Share Premium amounting to Rs. 2,000 is also obtainable with second call.
- Period of credit allowed to customer 1 month.
- Period of credit allowed by suppliers was 2 months.
- Delay in payments of overheads 1 month and in payment of wages $\frac{1}{2}$ month.
- Assume cash sales to be 50% of total sales.

- Q6) Explain the objectives of budgetary control. [16]
- Q7) Explain the techniques of Financial Statement Analysis. [16]
- Q8) Write short notes on (Any Four) : [16]
- Production budget.
 - Make or Buy decision.
 - Profitability Ratio.
 - Meaning of Budget.
 - Current Ratio.
 - Fixed cost and Variable cost.



- Q1) Define management accounting and explain nature of management accounting. [16]
- Q2) Define Ratio, Explain advantages of Ratio Analysis. [16]
- Q3) A company producing a single article sales it at Rs. 10 each. The variable cost of production is Rs. 6, Fixed cost is Rs. 400 p.a. - [16]
- Calculate :
- Contribution
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Sundry Creditors	12,00,000	Cash	40,000
	40,00,000		40,00,000

Annual Sales Rs. 74,40,000, Gross profit Rs. 7,44,000

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B.C.A. (Part - III) (Semester -V)
Examination, November - 2016
MANAGEMENT ACCOUNTING
Sub. Code : 66415

Day and Date : Thursday 17 -11 -2016

Total Marks : 80

Time : 2.30 p.m. to 5.30 p.m.

- Instructions :**
- 1) All questions carry equal marks.
 - 2) Attempt any five questions

Q1) What do you mean by budget and budgetary control? Explain in detail objectives of budgetary control. [16]

Q2) Explain the meaning and nature of Management Accounting. Also state the role of management accountant in Planning, Controlling and decision making process. [16]

Q3) What is the importance of Financial statement Analysis? Explain different classification of ratios. [16]

Q4) The following balance sheet of M/s Good home was prepared on 31st March 2011. [16]

Liabilities	Amount	Asset	Amount
Equity Share Capital	2,20,000	Land and building	3,00,000
General reserve	1,00,000	Plant and machinery	1,50,000
Profit and loss account	2,30,000	Debtors	2,20,000
8% debentures	1,70,000	Cash in hand	12,000
Creditors	1,30,000	Stock	1,88,000
Bills payable	50,000	Bills receivable	30,000
Total	9,00,000	Total	9,00,000

Sales during the year amounted Rs.4,80,000 and purchases Rs.3,00,000.

Calculate:

- a) Any two liquidity ratios
- b) Any four turnover ratios

P.T.O.

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Q5) Explain in detail CVP and BEP analysis. What different information can be derived with the help of this analysis? [16]

Q6) From the following information calculate: [16]

- a) P/V ratio
- b) Break even Sales
- c) Profit or loss when sales are Rs. 4,00,000
- d) Margin of Safety of two years

Particulars	1 st year	2 nd year
Sales	2,00,000	3,00,000
Profit	20,000	40,000

Q7) From the following information prepare Cash - Budget for the months ending 30 June 2016. [16]

Month	Sales	Material	Wages	Misc. Exp
February	120000	94000	8000	5000
March	130000	100000	10000	8000
April	80000	100000	8000	6000
May	120000	110000	10000	6000
June	88000	90000	10000	7000

Additional Information:

- Sales : 20% of sales are on Cash basis and remaining 80% are realized in the month after sales
- Materials are purchased on a credit period of one month.
- Wages are paid after one month
- Miscellaneous expenses are paid in the month in which they are due.
- Expected cash and bank balance on 1st April 2016 is Rs. 6,000

Q8) Short notes (Any four):

[16]

- Production Budget & Cash Budget.
- Liquidity ratio.
- Profitability ratio.
- Turnover ratio.
- Differene between management and financial accounting.

- Meaning and types Budget.

Liabilities	Amount	Asset	Amount
Land and building		Land and building	3,00,000
Plant and machinery		Plant and machinery	1,50,000
Debtors		Debtors	2,20,000
Cash in hand		Cash in hand	12,000
Stock		Stock	1,88,000
Bills receivable		Bills receivable	30,000
Total	9,00,000	Total	9,00,000

Sales during the year amounted Rs.4,80,000 and purchases Rs.3,00,000.
Calculate.

- Any two liquidity ratios
- Any four turnover ratios

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B.C.A. (Part - III) (Semester - V) Examination, October - 2017

Management Accounting

Sub. Code : 66415

Day and Date : Friday, 27 - 10 - 2017

Total Marks : 80

Time : 10.30 a.m. to 01.30 p.m.

- Instructions : 1) All questions carry equal marks.
2) Attempt any five questions.

Q1) From the following data calculate : [16]

- P/V ratio
- Break-Even-Sales and Break-Even Point
- Sales required to earn profit of Rs. 45000
- Expected profit if the sales level is Rs. 500000

Fixed cost	Rs. 90000 p.a.
Variable cost per unit	
Direct material	Rs. 5
Direct labour	Rs. 2
Direct overheads	Rs. 2
Selling price per unit	Rs. 12

Q2) What do you mean by ratio analysis? Explain solvency ratio in detail. [16]

Q3) From the following figures prepare cash budget for three months ending June 2017

Months	Credit Sales	Materials	Wages	Overheads
January	30000	20000	5500	3100
February	28000	28000	9000	3300
March	32000	25000	6000	3400
April	40000	27000	6200	3100
May	42000	31000	6300	4200
June	38000	25000	7000	400

P.T.O.

Additional information :

1. Estimated cash balance on 1st April 2017 10000
2. Payment of suppliers of material is done in the month following the month of supply.
3. Overheads are paid with a time lag of one month
4. Wages are paid in the same month
5. Half of the sales are received in the month that follows sales and the remaining half after two months
6. Dividend of Rs. 5000 will be received in the month of May

[16]

Q4) What do you mean by budget and budgetary control? Explain in detail advantages and disadvantages of budgetary control. [16]

Q5) From the following final account of Alman Enterprises for the year ended 31st March 2010, you are required to calculate the following : [16]

1. Current Ratio
2. Quick ratio
3. Debt/Equity ratio
4. Stock turnover
5. Debtors turnover ratio
6. Net profit to capital employed ratio
7. Operating cost ratio

Balance Sheet as on 31-3-2010

Liabilities	Amount	Asset	Amount
Equity Share Capital	500000	Land and Building	275000
Preference share capital	300000	Plant & Machinery	475000
General reserve	55000	Long term investment	100000
Profit & Loss a/c	45000	Stock	250000
11% debenture	100000	Sundry debtors	60000
Bank overdraft	75000	Cash	30000
Other current liabilities	125000	Bank balance	10000
	1200000		1200000

Profit and loss A/c for the year ending 31-3-2010

Debit	Amount	Credit	Amount
Opening Stock	200000	Sales	1420000
Purchases	900000	Closing Stock	210000
Gross Profit	530000		
	1630000		1630000
Administrative exp.	205000	Gross Profit	530000
Selling & distribution	100000	Other Income	20000
Financial expenses	125000		
Net Profit	120000		
Total	550000		550000

Q6) Explain in detail CVP and BEP analysis. What different information can be derived with the help of this analysis? [16]

Q7) Explain the meaning and nature of Management Accounting. Also state the role of management accountant in Planning, Controlling and decision making process. [16]

Q8) Write short notes (Any Four) : [16]

- Types of budget
- Difference between management and financial accounting
- Current ratio
- Make or buy decision
- Profitability ratio
- Turnover ratio