

**246 - Management Accounting**

P. Pages : 7

Time : Three Hours

**GUG/W/16/5167**

Max. Marks : 80

- Notes : 1. All questions are compulsory.  
2. All questions are carry equal marks.

1. a) State the meaning of Management Accounting and explain tools and techniques of management accounting. **8**

b) The following are the forecast relating to wages and factory expenses. **8**

Month	Wages (Rs.)	Factory Exp. (Rs.)
July	32,000	5,000
August	32,000	5,000
September	32,000	6,000
October	40,000	7,000
November	32,000	5,000

- 1)  $\frac{7}{8}$  payment of wages will be made in same month and  $\frac{1}{8}$  in the following month.  
2) Lag of payment of factory expenses  $\frac{1}{2}$  month.

Estimate the amount of wages and factory expenses payable in the month of Sept. to Nov.

**OR**

c) Prakash Printing Co. Ltd ended with the following profit and loss account during 2014. **16**

		Rs.
Sales	---	3,55,800
Less : Expenses:		
Raw material	74,200	--
Labour	48,800	--
Expenses	2,04,000	--
Interest	20,000	---
Depreciation	20,000	-3,67,000
Loss		-11,200

The company had been working at 60% of capacity during 2014 of the expenses of Rs. 2,04,000, 25% is variable in 2015. Production and sales volume at 80% of capacity is expected to be achieved. Fixed cost is however expected to increase by Rs.12000. Draw flexible budget.

2. a) Given:

8

Year	Sales (units)	Profit/Loss
2013	9,000	Rs. + 10,000
2014	7,000	Rs. – 10,000

The selling price can be assumed of Rs.100.

Calculate:

- 1) The amount of fixed cost.
- 2) The number of units of break-even point
- 3) Profit volume ratio.
- 4) The number of units to earn a profit of Rs.40,000.

b) The following information is available from the books of a company.

8

Production	5,00,000 units
Variable cost per unit	Rs.20
Fixed cost	Rs.20,00,000
Profit	25% on cost

You have to calculate:-

- 1) Profit volume Ratio.
- 2) Break even point in Rs.
- 3) Margin of safety

**OR**

c) Aaditya company submitted the following informations.

16

Selling price per unit Rs. 40  
Variable cost per unit Rs. 24  
Fixed cost Rs. 72,000  
Calculate: -

- 1) B. E. P. in Rupees and units.
- 2) Profit volume Ratio
- 3) Profit on sale of Rs.3,20,000
- 4) Sale to earn a profit Rs. 36,000
- 5) B.E.P. if the fixed cost increased by Rs.8000
- 6) B.E.P. if the selling price reduced by 10%
- 7) B.E.P. if variable cost increased by 25% and fixed cost increased by 10%.

3. a) Rajiv and company supplies you the following information regarding the year ended 31<sup>st</sup> March 2014.

8

Cash sales	Rs. 80,000
Credit sales	Rs. 2,00,000
Return inward	Rs. 10,000
Opening stock	Rs. 25,000
Closing stock	Rs. 30,000
Gross profit Ratio	– 25%

Find out stock (inventory) Turnover Ratio.

- b) Financial statement of Anupam Co. Ltd. on 31<sup>st</sup> Dec. 2014 is as follows.

8

		Rs.
Sales		5,00,000
Less : Cost of goods sold		3,00,000
		-----
Gross profit		2,00,000
Less : Administrative expenses	98,000	
Selling expenses	22,000	
	-----	1,20,000
		-----
Net profit		80,000

Calculate:-

- 1) Gross Profit Ratio
- 2) Net Profit Ratio
- 3) Operating Ratio
- 4) Administrative expenses Ratio.

OR

- c) Following is the summarised Balance Sheet of a concern as on 31<sup>st</sup> December.

16

Balance Sheet			
Liabilities	Rs.	Assets	Rs.
6% preference share capital	1,50,000	Good will	20,000
Equity share capital	2,50,000	Land	2,50,000
General Reserve	20,000	Machinery	1,75,000
Profit and Loss	15,000	Furniture	10,000
5% Debentures	1,00,000	Stock	90,000
Sundry creditors	28,000	Sundry Debtors	21,000
Bills payable	12,000	Cash at Bank	5,000
		Preliminary expenses	4,000
	5,75,000		5,75,000

Other information:

Total sales Rs. 4,00,000, 20% of which is made on credit. Gross profit and Net profit (after tax) for the year ended amounted to Rs. 80,000 and Rs. 20,000 respectively.

Calculate:

- 1) Current Ratio.
- 2) Liquidity Ratio.
- 3) Debt-Equity Ratio
- 4) Gross profit Ratio
- 5) Net profit Ratio
- 6) Stock Turnover Ratio
- 7) Debtors Turnover Ratio
- 8) Turnover to fixed assets Ratio

4. a) Calculate profit from operation from the following information.

8

Particulars	Rs.
Net profit shown by P/L A/c (31/03/2004)	16,000
Net profit shown by P/L A/c (01/04/2003)	12,000
Depreciation provided on a machine costing Rs. 50,000 @ 10% p.a.	5,000
Issuing of shares	50,000
Loss on sale of old machine	2,500
Motor car sold (cost price 70,000)	75,000
Provision for Taxation	10,000
Purchase of plant	11,20,000
Preliminary expenses written off	5,000
Dividend paid	45,000
Increase in working capital	38,000
Bills payable	32,000
Provision for R.D.D.	6,150
Profit on sale of plants	10,000

- b) From the following information prepare a statement of changes in working capital.

8

Particulars	2014 Rs.	2013 Rs.
Shares	4,40,000	3,60,000
Stock	96,000	2,64,000
Advance Debit	9,000	8,200
Debtors	1,90,000	1,70,000
Reserve for doubtful debt	4,000	3,000
Cash	74,000	60,000
Machinery	96,000	52,000
Outstanding expenses	48,000	28,000
Income tax payable	14,200	12,600
Creditors	2,36,000	2,42,000

OR

- c) The following are summarised Balance Sheet of Vijay Company Ltd. as on 31<sup>st</sup> Dec. 2014 and 31<sup>st</sup> Dec. 2015. Prepare statement of sources and application of funds, statement of working capital Adjusted profit and loss A/c and Machinery Account.

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Balance Sheet					
Liabilities	31/12/14 Rs.	31/12/15 Rs.	Assets	31/12/14 Rs.	31/12/15 Rs.
Share capital	3,20,000	3,40,000	Building	2,00,000	2,00,000
Profit and Loss A/c	58,000	98,000	Machinery	96,000	1,36,000
Creditors	36,000	20,000	Stock	36,000	28,000
Reserve for bad debts	--	20,000	Debtors	66,000	78,000
			Bank	16,000	36,000
	4,14,000	4,78,000		4,14,000	4,78,000

Additional information:

- 1) Taxes paid during the year 2015 were Rs. 4000.
- 2) During the year dividend paid Rs. 8,000.
- 3) Depreciation on machinery was Rs. 12,000.
- 4) A machine with a book value of Rs. 20,000 was sold during the year for Rs. 24,000.

5. Write short answer.

- a) Write the various type of budget. 4
- b) What do you mean by Break-Even Analysis? Write its limitations. 4
- c) Explain the limitations of ratio analysis. 4
- d) Explain the importance of fund flow statement. 4

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- सूचना :- 1. सर्व प्रश्न अनिवार्य आहेत.  
2. सर्व प्रश्नांना समान गुण आहेत.

- |    |    |  |    |
|----|----|--|----|
| 1. | अ) | प्रबंधकीय लेखांकनाचा अर्थ सांगा व प्रबंधकीय लेखांकनाची उपकरणे व तंत्रे स्पष्ट करा. | 8  |
|    | ब) | इंग्रजी माध्यमानुसार   | 8  |
|    |    | किंवा  |    |
|    | क) | इंग्रजी माध्यमानुसार   | 16 |
| 2. | अ) | इंग्रजी माध्यमानुसार   | 8  |
|    | ब) | इंग्रजी माध्यमानुसार   | 8  |
|    |    | किंवा  |    |
|    | क) | इंग्रजी माध्यमानुसार   | 16 |
| 3. | अ) | इंग्रजी माध्यमानुसार   | 8  |
|    | ब) | इंग्रजी माध्यमानुसार   | 8  |
|    |    | किंवा  |    |
|    | क) | इंग्रजी माध्यमानुसार   | 16 |
| 4. | अ) | इंग्रजी माध्यमानुसार   | 8  |
|    | ब) | इंग्रजी माध्यमानुसार   | 8  |
|    |    | किंवा  |    |
|    | क) | इंग्रजी माध्यमानुसार   | 16 |
| 5. |    | थोडक्यात उत्तरे लिहा.  |    |
|    | अ) | अंदाजपत्रकाचे विविध प्रकार लिहा.   | 4  |
|    | ब) | समविच्छेदन बिंदू पासून आपणास काय अर्थबोध होतो व त्याच्या मर्यादा लिहा.             | 4  |
|    | क) | अनुपात विश्लेषणाच्या मर्यादा स्पष्ट करा.   | 4  |
|    | ड) | निधी प्रवाह विवरणाचे महत्व स्पष्ट करा.   | 4  |

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- सूचनाएँ :- 1. सभी प्रश्न अनिवार्य हैं।  
2. सभी प्रश्नों के समान अंक हैं।

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|----|----|--|----|
| 1. | अ) | प्रबंधकीय लेखांकन का अर्थ बतलाईये। और प्रबंधकीय लेखांकन के उपकरण और तंत्र स्पष्ट किजिये। | 8  |
|    | ब) | अंग्रेजी माध्यम के अनुसार।   | 8  |
|    |    | <b>अथवा</b>  |    |
|    | क) | अंग्रेजी माध्यम के अनुसार।   | 16 |
| 2. | अ) | अंग्रेजी माध्यम के अनुसार।   | 8  |
|    | ब) | अंग्रेजी माध्यम के अनुसार।   | 8  |
|    |    | <b>अथवा</b>  |    |
|    | क) | अंग्रेजी माध्यम के अनुसार।   | 16 |
| 3. | अ) | अंग्रेजी माध्यम के अनुसार।   | 8  |
|    | ब) | अंग्रेजी माध्यम के अनुसार।   | 8  |
|    |    | <b>अथवा</b>  |    |
|    | क) | अंग्रेजी माध्यम के अनुसार।   | 16 |
| 4. | अ) | अंग्रेजी माध्यम के अनुसार।   | 8  |
|    | ब) | अंग्रेजी माध्यम के अनुसार।   | 8  |
|    |    | <b>अथवा</b>  |    |
|    | क) | अंग्रेजी माध्यम के अनुसार।   | 16 |
| 5. |    | संक्षिप्त में उत्तर लिखिए।   |    |
|    | अ) | आयव्यय (Budget) के विभिन्न प्रकार लिखिए।   | 4  |
|    | ब) | समविच्छेदन बिंदू से आपको क्या अर्थबोध होता है। उसकी मर्यादाएँ लिखिए।                     | 4  |
|    | क) | अनुपात विश्लेषण की मर्यादाएँ स्पष्ट किजिए।   | 4  |
|    | ड) | कोष प्रवाह विवरण (Fund Flow Statement) का महत्व स्पष्ट किजिए।                            | 4  |

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