

B.Com.- II (CBCS Pattern) Sem-IV
UCA4F02 - Management Accounting

P. Pages : 7

Time : Three Hours



GUG/W/22/12043

Max. Marks : 80

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

1. a) Explain the Advantages and Limitation of Management Accounting. **8**
- b) Draw up a flexible Budget for overhead expenses on the basis of the following data and determine overheads rate at 70%, 80% and 90% plant capacity. **8**

80% Capacity

Rs.

Fixed Overheads :

Depreciation 11,000

Insurance 3,000

Salaries 10,000

Semi-variable overheads :

Power (30% Fixed) 20,000

Repairs and Maintenance (60% Fixed) 2,000

Variable overheads :

Indirect labour 12,000

Stores including spares 4,000

OR

- c) A company expects to have Rs. 25,000 in Bank on 1st May 2018 and requires you to prepare an estimate of cash position during the three months May, June and July 2018. The following information is supplied. **16**

Month	Sales Rs.	Purchase Rs.	Wages Rs.	Office Exp. Rs.	Factory Exp. Rs.	Selling Exp. Rs.
March	50,000	30,000	6,000	4,000	5,000	3,000
April	56,000	32,000	6,500	4,000	5,500	3,000
May	60,000	35,000	7,000	4,000	6,000	3,500
June	80,000	40,000	9,000	4,000	7,500	4,500
July	90,000	40,000	9,500	4,000	8,000	4,500

Other information :

- 20% of sales are in cash, remaining amount is collected in the month following that of sales.
- Suppliers supply goods at two months credit.
- Wages and other expenses are paid in the month following the one in which they are incurred.
- The company pays dividends to shareholders and Bonus to workers of Rs. 10,000 and Rs. 15,000 respectively in the month of May.
- Income tax Rs. 25,000 is payable in July.

2. a) Following information received from the Books of a company Aarya and Aaditi both an engaged in same business and sold this product in the same market. 8

Particular	Aarya Rs.	Aaditi Rs.
Sales	5,00,000	5,00,000
(-) Variable cost	<u>3,00,000</u>	<u>3,50,000</u>
Contribution	2,00,000	1,50,000
- Fixed Cost	<u>1,00,000</u>	<u>50,000</u>
Net Profit	1,00,000	1,00,000

Calculate :-

- 1) P/V Ratio for Both companies.
- 2) BEP for Both companies.
- 3) Margin of safety for Both companies.

- b) Given below is the financial position of a company. 8

Selling price per unit Rs. 20

Material per unit Rs. 6

Fixed Cost Rs. 20,000

Trade discount 5%

Labour per unit Rs. 4

Variable cost 100% of Labour

Calculate :

- 1) B.E.P.
- 2) Profit if the sales increased by 10% of B.E.P.

OR

- c) From the following information. 16

Find out :

- i) P/V Ratio.
- ii) B. E. P.
- iii) Profit on the sales of Rs. 4,00,000.
- iv) Sales to earn a profit of Rs. 30,000.
- v) M.S. for 2018.

Years	Sales Rs.	Profit/Loss Rs.
2017	2,40,000	- 20,000
2018	4,40,000	20,000

3. a) Following is the Trading and P & L Account of Megha Company Ltd. For the year ended on 31st March 2018. 8

Trading & P & L A/c

Particular	Rs.	Particular	Rs.
To Opening Stock	2,50,000	By Sales	18,00,000
To Purchase	10,50,000	By Closing Stock	1,50,000
To Gross Profit	6,50,000		
	<u>19,50,000</u>		<u>19,50,000</u>
To Selling Exp.	1,00,000	By Gross Profit	6,50,000
To Office Exp.	2,30,000	By Dividend Received	50,000
To Loss on Sale of Assets	20,000		
To Net Profit	3,50,000		
	<u>7,00,000</u>		<u>7,00,000</u>

Find out :

- 1) Gross Profit Ratio.
- 2) Operating Net Profit Ratio.
- 3) Operating Expenses Ratio.
- 4) Stock turnover Ratio.

- b) From the following Annual Accounts of Mayur Co. Ltd. For the year ended on 31st March 2019.

8

Particulars	Rs.	Rs.
Sales :		
Cash	60,000	
Credit	5,40,000	6,00,000
- Cost of Goods Sold		<u>4,72,000</u>
Gross Profit		1,28,000
Office Exp.	38,000	
Selling Exp.	38,000	
Distribution Exp.	22,000	98,000
Net Profit		<u>30,000</u>
Fixed Assets		60,000
Current Assets		
Stock	1,20,000	
Debtors	1,00,000	
Cash	20,000	2,40,000
		<u>3,00,000</u>
Share Capital		1,50,000
Reserves		30,000
P & L Account		20,000
Current Liabilities		1,00,000
		<u>3,00,000</u>

Calculate :

- 1) Current Ratio.
- 2) Quick Ratio.
- 3) Gross Profit Ratio.
- 4) Net Profit Ratio.

OR

- c) From the following statement of Dev-Krishna Co. Ltd. For the year ending 31st March 2018. You are calculate the following ratios.

16

- 1) Current Ratio.
- 2) Acid Test Ratio.
- 3) Net Profit Ratio.
- 4) Gross Profit Ratio.
- 5) Operating Ratio.
- 6) Stock-Turnover Ratio.
- 7) Working Capital Turnover.

Balance Sheet
As on 31st Dec. 2018

Liabilities	Rs.	Assets	Rs.
1,00,000 Equity Shares of Rs. 5 each	5,00,000	Land & Building	4,50,000
General Reserve	3,00,000	Plant & Machinery	2,50,000
P & L Account	2,00,000	Stock	2,00,000
Creditors	2,00,000	Debtors	2,00,000
		Cash at Bank	1,00,000
	<u>12,00,000</u>		<u>12,00,000</u>

Trading and P & L Account
For the year ended 31.12.2018

Particular	Rs.	Particular	Rs.
To Opening Stock	1,00,000	By Sales	16,00,000
To Purchase	8,00,000	By Closing Stock	2,00,000
To Gross Profit	9,00,000		
	<u>18,00,000</u>		<u>18,00,000</u>
To Administrative Exp.	2,00,000	By Gross Profit	9,00,000
To Selling Exp.	1,00,000	By Profit Sale of Fixed Assets	25,000
To Other Exp.	25,000		
To Net Profit	6,00,000		
	<u>9,25,000</u>		<u>9,25,000</u>

4. a) From the following balance sheets as on 31st Dec. 2018 and 2019, you are required to prepare statement showing changes in working capital.

8

Particulars	31 st Dec. 2019 Rs.	31 st Dec. 2018 Rs.
Cash	25,000	37,500
Bills Receivable	1,25,000	1,00,000
Bank (short term)	3,75,000	1,87,000
Machinery	1,50,000	1,25,000
Goodwill	50,000	50,000
Prepaid Exp.	25,000	31,750
	<u>7,50,000</u>	<u>5,30,750</u>
Bills Payable	1,25,000	25,000
Creditors	1,00,000	75,000
Debenture	75,000	--
Pref. Share Capital	1,25,000	1,25,000
Equity Share Capital	2,50,000	2,50,000
P & L Account	75,000	56,250
	<u>7,50,000</u>	<u>5,31,250</u>

- b) Prepare statement of sources and application of fund from the following information.

8

	Rs.
Profit from Operation	1,00,200
Issue of Shares	1,00,000
Dividend paid	40,000
Tax paid	18,000
Sale of Machine	18,000
Sale of Land	21,000
Purchase of Land	20,000
Purchase of Machine	1,42,000
Redemption of debenture Rs. 16,000 are made on 5% discount	
Increase in working capital	4,000

OR

c) Balance sheet of Aaditi Company Ltd. are as :

16

Particular	2018 Rs.	2019 Rs.
Cash	3,000	4,700
Stock	28,000	19,000
Debtors	12,000	11,500
Machinery	1,40,000	1,85,000
Land	50,000	49,500
	<u>2,33,000</u>	<u>2,69,700</u>
Share Capital	1,20,000	1,70,000
Debenture	42,000	34,000
P & L Account	28,000	32,500
Bills Payable	14,000	15,200
Bank Overdraft	29,000	18,000
	<u>2,33,000</u>	<u>2,69,700</u>

Adjustment :

- 1) Dividend paid during the year Rs. 20,000.
- 2) Machine costing Rs. 12,000 was sold for Rs. 9000 and Depreciation charge on account of Rs. 14,000.
- 3) Tax paid during the year Rs. 9,000.
- 4) A part of land purchased during the year Rs. 10,000.
- 5) Redemption of Debenture are made on 5% discount.
- 6) Prepare fund flow statement.

5. Write short note from the following.

- | | |
|---|---|
| a) Objectives of Management Accounting. | 4 |
| b) Importance of Break Even Point. | 4 |
| c) Limitation of Ratio Analysis. | 4 |
| d) Limitation of Flow Analysis. | 4 |

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

- | | | | |
|----|----|--|----|
| 1. | अ) | प्रबंधन लेखांकनाचे लाभ (फायदे) आणि मर्यादा स्पष्ट करा. | 8 |
| | ब) | इंग्रजी माध्यमानुसार | 8 |
| | | किंवा | |
| | क) | इंग्रजी माध्यमानुसार | 16 |
| 2. | अ) | इंग्रजी माध्यमानुसार | 8 |
| | ब) | इंग्रजी माध्यमानुसार | 8 |
| | | किंवा | |
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| 3. | अ) | इंग्रजी माध्यमानुसार | 8 |
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| | ब) | इंग्रजी माध्यमानुसार | 8 |
| | | किंवा | |
| | क) | इंग्रजी माध्यमानुसार | 16 |
| 5. | | थोडक्यात उत्तरे लिहा. | |
| | अ) | प्रबंधन लेखांकनाचे उद्दिष्ट्ये. | 4 |
| | ब) | समविच्छेद बिंदूचे महत्व स्पष्ट करा. | 4 |
| | क) | अनुपात विश्लेषणाच्या मर्यादा स्पष्ट करा. | 4 |
| | ड) | निधी प्रवाह विश्लेषणाच्या मर्यादा विशद करा. | 4 |

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

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|----|----|--|----|
| 1. | अ) | प्रबंधन लेखांकन के लाभ एवं मर्यादा स्पष्ट किजिए। | 8 |
| | ब) | अंग्रेजी माध्यम के अनुसार। | 8 |
| | | अथवा | |
| | क) | अंग्रेजी माध्यम के अनुसार। | 16 |
| 2. | अ) | अंग्रेजी माध्यम के अनुसार। | 8 |
| | ब) | अंग्रेजी माध्यम के अनुसार। | 8 |
| | | अथवा | |
| | क) | अंग्रेजी माध्यम के अनुसार। | 16 |
| 3. | अ) | अंग्रेजी माध्यम के अनुसार। | 8 |
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| | | अथवा | |
| | क) | अंग्रेजी माध्यम के अनुसार। | 16 |
| 4. | अ) | अंग्रेजी माध्यम के अनुसार। | 8 |
| | ब) | अंग्रेजी माध्यम के अनुसार। | 8 |
| | | अथवा | |
| | क) | अंग्रेजी माध्यम के अनुसार। | 16 |
| 5. | | संक्षिप्त में उत्तर लिखिए। | |
| | अ) | प्रबंधन लेखांकन के उद्देश। | 4 |
| | ब) | समविच्छेद बिंदू के महत्व विशद किजिए। | 4 |
| | क) | अनुपात विश्लेषण की मर्यादा विशद किजिए। | 4 |
| | ड) | निधी प्रवाह विश्लेषण की मर्यादा विशद किजिए। | 4 |
