

M.Com.-II (New CBCS Pattern) Semester - IV
PCC4C01 - Advanced Management Accounting

P. Pages : 6

Time : Three Hours



GUG/S/23/13698

Max. Marks : 80

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

1. a) What do you mean by Management Accounting. Explain objective and functions of management. **16**

OR

- b) Given that Fixed cost Rs. 1,00,000 Selling Price Rs. 100 per unit Variable cost Rs. 75 per unit Estimate the impact of the following on the B.E.P if. **16**
- 1) 20% increase in variable cost
 - 2) 20% increase in fixed cost
 - 3) 20% decrease in fixed cost but 20% increase in variable cost
 - 4) 20% increase in fixed cost but 20% decrease in variable cost

2. a) The following are the financial statement of Rishabh Ltd. for the year 2022 and 2023. **16**

Balance Sheet

Liabilities	2022	2023	Assets	2022	2023
10,000 Equity shares of Rs. 10 Each	1,00,000	1,00,000	Fixed Assets	2,00,000	2,50,000
General Reserve	50,000	50,000	Stock	40,000	60,000
P/L Account	50,000	1,00,000	Debtors	30,000	40,000
8% Debentures	50,000	80,000	Cash at Bank	20,000	30,000
Sundry Creditors	40,000	50,000	Prepaid Exp.	10,000	20,000
Proposed Dividend	10,000	20,000			
	3,00,000	4,00,000		3,00,000	4,00,000

Profit and loss account for the year ended.

	31/03/2022 (Rs.)	31/03/2013 (Rs)
Sales	1,00,000	1,50,000
Less cost of goods sold	80,000	1,00,000
Gross profit	20,000	50,000
Less Expenses	10,000	25,000
Net Profit	10,000	25,000

Calculate (1) Current Ratio (2) Acid Test Ratio (3) Gross profit ratio (4) Net Profit Ratio (5) Earning Purchase Ratio.

OR

- b) Following are the balance sheet of the company of the same date with supplementary information. 16

Liabilities	Company A (Rs)	Company B (Rs)
Sundry Creditors	3,600	5,800
Bank Overdraft	1,125	1,480
Provision for Taxation	2,000	1,500
Provision for Depreciation	2,000	5,000
Paid up Capital	20,000	35,000
Reserve	5,000	6,000
Profit and Loss Account	1,275	10,220
	35,000	65,000
Book Debts	8,500	17,500
Stock	6,600	9,300
Machinery	4,900	9,200
Building	12,000	24,000
Goodwill	3,000	5,000
	35,000	65,000
Sales	84,000	1,05,000
Average Stock	6,300	10,000
Gross profit	21,000	25,000

Calculates the following ratios in respect of each company and interpret them.

- (1) Stock Turnover Ratio
- (2) Gross Profit Ratio
- (3) Current Ratio
- (4) Liquid Ratio
- (5) Operating Ratio

3. a) The following figures are available for sales and costs forecast of M/s Yatharth & company for the year ended on 31st Dec. 2022 at 50% (5000 unit) capacity. 16

- 1) Fixed Expenses remains constant for all levels of production and sales
- 2) Selling price between 50% and 75% capacity is Rs. 22 per unit
- 3) Semi-variable Expenses will remain constant at 50% to 65% capacity but will increase by 10% between 65% to 80% capacity and 20% between 80% to 100% capacity.
- 4) At 90% level of activity, material cost increases by 2% and selling price is increased by 5%
- 5) At 100% level labour decreases by 5% and selling price is reduced by 5%
- 6) Fixed expenses are Rs. 62,000
- 7) Semi-variable Expenses are Rs. 40,000
- 8) Variable expenses are material Rs. 5% per unit, Labour Rs. 2 per unit and Direct expenses Rs. 1.50 per unit

Prepare Flexible budget at 60%, 75%, 90% and 100% capacity and make profit forecast on these levels of activity.

OR

- b) From the following information prepare a Cash Budget for the three months commencing 1st June when the Bank balance was Rs. 1,10,000. 16

Months	Sales	Selling Overheads	Purchases	Wages	Factory overheads	Administration Overheads	Research Expenditure
April	88,500	3,250	37,000	8,000	5,680	2,500	2,400
May	84,000	4,100	40,000	8,400	5,920	2,760	2,400
June	93,000	3,710	39,060	8,800	5,440	2,480	2,400
July	72,000	3,210	39,900	6,000	5,880	2,600	2,400
August	82,500	3,600	35,000	9,600	6,000	2,520	2,600

A sales commission of 5% on sales are due 2 months after sales, is payable in addition to the above selling overheads.

Capital expenditure: Plant purchased, June Rs. 38,000 payable on delivery; Building purchased for June Rs. 80,000 payable in two half yearly installments the 1st in July.

A dividend of Rs. 20,000 will be paid in October. Period of credit allowed by suppliers and to customers- 8 weeks. lag in payment as to the following are to be taken into account-

Wages	1/8 months
Factory overheads	4 weeks
Administration overheads	4 weeks
Research Expenditures	4 weeks
Selling overheads	4 weeks

4. a) Balance sheet of Sarth Co. is as follows. 16

Particulars	2023 (Rs.)	2022 (Rs.)
Investment	15,000	20,000
Cash	25,000	1,10,000
Debtors	1,60,000	1,00,000
Stock	2,55,000	2,35,000
Land & Building	10,20,000	5,40,000
Machinery	35,44,000	28,04,000
Furniture	2,10,000	2,00,000
Preliminary Expenses		10,000
	52,29,000	40,19,000
Creditors	3,65,000	3,19,000
Declared dividend	2,00,000	5,35,000
Long term loan	40,00,000	36,00,000
Share capital	1,29,000	1,00,000
Surplus	52,29,000	40,19,000

Adjustment

- 1) A Machine costing of Rs. 60,000 was sold for Rs. 45,000
- 2) New Building has been purchased Rs. 5,00,000
- 3) Investment costing Rs. 5,000 was sold for Rs. 5,500
- 4) Income tax paid during the year Rs. 60,000

Prepare statement of changes in working capital and sources and application of found.

OR

b) Following are the Comparative Balance Sheets of Bharati Co. Ltd. :

Liabilities	31-3-2022	31-3-2023	Assets	31-3-2022	31-3-2023
Share Capital	1,40,000	1,48,000	Bank Balance	18,000	
Debentures	24,000	12,000	Accounts Receivable	29,800	35,400
Accounts Payable	20,720	23,680	Stock-in-Trade	99,120	85,400
Reserve for Doubtful Debts	1,400	1,600	Buildings	40,000	81,200
P & L A/c	20,800	21,120	Goodwill	20,000	10,000
Bank Overdraft	--	5,600			
	2,06,920	2,12,000		2,06,920	2,12,000

Additional Information:

- 1) Buildings were acquired for Rs. 41,200
 - 2) Goodwill written off Rs. 10,000
 - 3) Dividend paid Rs. 7,000
 - 4) Debentures redeemed at Rs. 12,000
- Prepare Cash - flow statement.

5. Write short answer:

- | | |
|------------------------------------------------------------|---|
| a) Explain the scope of management accounting. | 4 |
| b) Analysis of financial statement. | 4 |
| c) Advantages of Budgetary controls. | 4 |
| d) Characteristics of management information system (MIS). | 4 |

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सुचना :- 1. सर्व प्रश्न सोडविणे आवश्यक आहेत.
2. सर्व प्रश्नांना समान गुण आहेत.

- | | | | |
|----|----|---------------------------------------------------------------------------------------|----|
| 1. | अ) | व्यवस्थापकीय लेखांकन म्हणजे काय? व्यवस्थापकीय लेखांकनाचे उद्देश आणि कार्य स्पष्ट करा. | 16 |
| | | किंवा | |
| | ब) | इंग्रजी माध्यमा प्रमाणे. | 16 |
| 2. | अ) | इंग्रजी माध्यमा प्रमाणे. | 16 |
| | | किंवा | |
| | ब) | इंग्रजी माध्यमा प्रमाणे. | 16 |
| 3. | अ) | इंग्रजी माध्यमा प्रमाणे. | 16 |
| | | किंवा | |
| | ब) | इंग्रजी माध्यमा प्रमाणे. | 16 |
| 4. | अ) | इंग्रजी माध्यमा प्रमाणे. | 16 |
| | | किंवा | |
| | ब) | इंग्रजी माध्यमा प्रमाणे. | 16 |
| 5. | | थोडक्यात उत्तरे लिहा. | |
| | अ) | व्यवस्थापकीय लेखांकनाची व्याप्ती लिहा. | 4 |
| | ब) | वित्तीय विवरणाचे विश्लेषण स्पष्ट करा. | 4 |
| | क) | अंदाजपत्रकाचे फायदे सांगा. | 4 |
| | ड) | व्यवस्थापकीय सुचना प्रणालीचे वैशिष्ट्ये. | 4 |

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

- | | | | |
|----|----|----------------------------------------------------------------------|----|
| 1. | अ) | प्रबंधकीय लेखांकन का अर्थ बतलाकर उसके उद्देश एवं कार्य स्पष्ट कीजिए। | 16 |
| | | अथवा | |
| | ब) | अंग्रेजी माध्यम के अनुसार। | 16 |
| 2. | अ) | अंग्रेजी माध्यम के अनुसार। | 16 |
| | | अथवा | |
| | ब) | अंग्रेजी माध्यम के अनुसार। | 16 |
| 3. | अ) | अंग्रेजी माध्यम के अनुसार। | 16 |
| | | अथवा | |
| | ब) | अंग्रेजी माध्यम के अनुसार। | 16 |
| 4. | अ) | अंग्रेजी माध्यम के अनुसार। | 16 |
| | | अथवा | |
| | ब) | अंग्रेजी माध्यम के अनुसार। | 16 |
| 5. | | संक्षिप्त में उत्तर दीजिये। | |
| | अ) | प्रबंधकीय लेखांकन की व्याप्ति स्पष्ट कीजिए। | 4 |
| | ब) | वित्तीय विवरण विश्लेषण स्पष्ट कीजिए। | 4 |
| | क) | अंदाज पत्रक के फायदे लिखिये। | 4 |
| | ड) | प्रबंधकीय सूचना प्रणाली की विशेषताएँ स्पष्ट कीजिए। | 4 |
