



PJ – 575

I Semester M.C.A. Examination, January/February 2019  
(CBCS)

COMPUTER SCIENCE

MCA 102T : Accounting and Financial Management

Time : 3 Hours

Max. Marks : 70

*Instruction: Answer all Sections.*

SECTION – A

Answer **any 5** questions. **Each** question carries **6** marks. (5×6= 30)

1. Discuss the doctrines of accounting. 6
2. Prepare a Trial Balance from the following balances given : 6

Name of Account	Amt.	Name of Account	Amt.
Capital A/c	10,000	Sundry creditors	12,600
Drawings A/c	1,200	Bank OD	1,500
Debtors	14,000	Postage and Telegram	100
Bad debts	200	Loan from Mr. X	3,500
Cash in hand	900	Salaries	4,800
Sales	89,400	Sales returns	1,100
Purchases	82,000	Insurance paid	800
Purchase returns	1,800	Printing and Stationery	100
Carriage outwards	200	Discount Allowed	100
Wages	2,000	Discount received	300
General expenses	500	Pre-owned land	8,000
Interest paid	100	Stock on hand	3,000

P.T.O.





3. Briefly explain the classification of capital in a joint stock company. 6
4. From the following income statements for the year 2016 and 2017 prepare a comparative income statements. 6

Particulars	2016 Rs.	2017 Rs.	Particulars	2016 Rs.	2017 Rs.
To Cost of goods sold	72,000	78,000	By Sales	1,00,000	1,30,000
To Depreciation	5,000	6,000	By Dividend	20,000	10,000
To Selling and Distribution expenses	8,000	12,000	By Interest on Investment	10,000	-
To Interest on debt	15,000	14,000			
To Provision for tax	15,000	15,000			
To Net profit	15,000	15,000			
	<b>1,30,000</b>	<b>1,40,000</b>		<b>1,30,000</b>	<b>1,40,000</b>

5. The following is the balance sheet of a company calculate : 6
- Current ratio
  - Solvency ratio

**Balance Sheet as on 31<sup>st</sup> March 2012**

Liabilities	Amount Rs.	Assets	Amount Rs.
Share capital	10,00,000	Fixed assets	12,00,000
Fixed liabilities	5,00,000	Current assets	8,00,000
Current liabilities	5,00,000		
	<b>20,00,000</b>		<b>20,00,000</b>



- 6. Briefly discuss the differences between fund flow and cash flow statements. 6
- 7. The following is the Trial Balance of X Ltd. for the year 2016 and 2017. 6

Name of Account	2016		2017	
	Dr.	Cr.	Dr.	Cr.
Capital	-	80,000	-	85,000
Mortgage	-	-	-	5,000
Land and Building	50,000	-	50,000	-
Plant and Machinery	24,000	-	34,000	-
Stock	9,000	-	7,000	-
Debtors	16,500	-	19,500	-
Cash at Bank	4,000	-	9,000	-
P & L Account	-	14,500	-	24,500
Creditors	-	9,000	-	5,000
	<b>1,03,500</b>	<b>1,03,500</b>	<b>1,19,500</b>	<b>1,19,500</b>

Prepare the statement of changes in working capital.

- 8. Explain any three classifications of cost. 6

SECTION – B

Answer any 4 questions. Each question carries 10 marks. (4x10= 40)

- 9. Prepare a trial balance and compile the final accounts of Mr. Lobo. 10

Particulars	Amount in Rs.	Particulars	Amount in Rs.
Mr. Lobo's Capital	40,000	Mr Lobo's Drawings	8,000
Machinery	20,000	Building	32,000



Sundry Debtors	10,000	Trade expenses	300
Opening Stock	8,000	Salaries	4,000
Rents and rates	2,200	Bad debts	500
Discount allowed	460	Discount received	560
Returns Inwards	760	Returns Outwards	1,600
Sales	78,000	Purchases	40,000
Commission earned	260	Furniture	2,000
Wages	6,200	Carriage Inwards	500
Bank OD	3,000	Sundry creditors	12,000
Cash in hand	200	Cash at bank	300

The closing stock was valued at Rs. 25,000.

10. The following are the balance sheets of a company for the years 2016 and 2017. Prepare a common size balance sheet and study the financial position of the company.

10

<b>Liabilities</b>	<b>2016</b>	<b>2017</b>	<b>Assets</b>	<b>2016</b>	<b>2017</b>
Equity capital	60,000	60,000	Cash	1,000	1,400
Reserves	1,500	1,950	Debtors	19,500	18,700
Debentures	5,000	10,000	Stock	20,000	30,000
Creditors	1,500	2,500	Building	25,000	22,000
Bills payable	500	750	Machinery	3,000	3,100
	<b>68,500</b>	<b>75,200</b>		<b>68,500</b>	<b>75,200</b>



11. The financial position of Sun Ltd. on 1<sup>st</sup> April 2016 and 31<sup>st</sup> March 2017 was as follows : 10

	1-4-2016	31-3-2017		1-4-2016	31-3-2017
Current Liabilities	72,000	82,000	Cash	8,000	7,200
Loan from Ram	–	40,000	Debtors	70,000	76,800
Loan from Bank	60,000	50,000	Stock	50,000	44,000
Capital and Reserves	2,96,000	2,98,000	Land	40,000	60,000
			Building	1,00,000	1,10,000
			Machinery	2,14,000	2,44,000
			Provision for Depreciation	54,000	72,000
	<b>4,28,000</b>	<b>4,70,000</b>		<b>4,28,000</b>	<b>4,70,000</b>

During the year 52,000 was paid as dividend. Prepare the Cash Flow Statement by indirect method.

12. From the following balance sheets of ABC Ltd. prepare statement of changes in working capital and fund flow statement. 10

Liabilities	2016	2017	Assets	2016	2017
	Rs.	Rs.		Rs.	Rs.
Equity share capital	2,50,000	3,00,000	Cash	70,000	1,50,000
Accounts payable	1,40,000	2,00,000	Accounts receivable	1,96,000	1,80,000
General reserve	1,20,000	1,50,000	Stock	1,74,000	2,40,000
			Land	40,000	60,000
			Long term investments	30,000	20,000
	<b>5,10,000</b>	<b>6,50,000</b>		<b>5,10,000</b>	<b>6,50,000</b>



13. Write short notes on :

a) Characteristics of a company.

b) Financial Statements Analysis.

(5+5)

14. Prepare a cost sheet showing.

10

i) Prime cost

ii) Factory cost

iii) Office cost

iv) Total cost and

v) Profit

Particulars	Rs.	Particulars	Rs.
Raw materials	33,000	Productive Wages	35,000
Unproductive wages	10,500	Factory rates and taxes	7,500
Factory lighting	2,200	Factory heating	1,500
Motive power	4,400	Plant maintenance	3,000
Director's fee (works)	1,000	Director's fee (admin.)	2,000
Factory cleaning	500	Sundry office expenses	200
Estimating expenses	800	Factory stationery	750



Office stationery	900	Consumption of loose tools	600
Office rents and taxes	500	Water supply	1,200
Factory Insurance	1,100	Office Insurance	500
Legal expenses	400	Direct expenses	3,000
Maintenance of delivery	700	Depreciation of plant and	2,000
Depreciation of office	1,000	Depreciation of delivery	200
Commission on sales	1,500	Advertising	300
Sales department salaries	1,500	Sales	1,42,750

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I Semester MCA Degree Examination, January/February 2018  
(CBCS Scheme)  
COMPUTER SCIENCE  
MCA 102T : Accounting and Financial Management

Time : 3 Hours

Max. Marks : 70

**Instruction:** Answer any 5 questions from Section – A. Answer any 4 from Section – B.

## SECTION – A

Answer any 5 questions. Each question carries 6 marks. (5×6=30)

1. Discuss the accounting concepts. 6
  2. Prepare a Trial Balance from the following : 6
- |                      |          |                         |          |
|----------------------|----------|-------------------------|----------|
| Capital A/c          | 1,00,000 | Bad Debts               | 1,200    |
| Drawings A/c         | 12,000   | Loan from Mr. X         | 31,500   |
| Debtors              | 1,40,000 | Cash in hand            | 3,900    |
| Sundry Creditors     | 15,600   | Salaries                | 4,800    |
| Bank OD              | 1,500    | Sales                   | 1,60,000 |
| Postage and Telegram | 1,100    | Purchases               | 82,900   |
| Sales returns        | 4,200    | Insurance               | 800      |
| Purchase returns     | 3,900    | Printing and Stationery | 1,400    |
| Carriage outwards    | 6,000    | Discount allowed        | 1,200    |
| Wages                | 12,000   | Discount received       | 3,000    |
| Sundry expenses      | 5,000    | Furniture and fixtures  | 8,000    |
| Interest paid        | 1,000    | Stock on hand           | 30,000   |



3. From the following P and L account of a company for the year 2012 and 2013 prepare a common size income statement.

Particulars	2012	2013	Particulars	2012	2013
	Lakhs of	Lakhs of		Lakhs of	Lakhs of
	Rs.	Rs.		Rs.	Rs.
To Cost of goods sold	600	700	By Sales	800	1,000
Operating expenses			By Interest on Investment	40	50
To Office expenses	20	20			
To Selling expenses	30	40			
Non- operating expenses					
To Interest	40	50			
To Net profit	150	240			
	<b>840</b>	<b>1,050</b>		<b>840</b>	<b>1,050</b>

4. Briefly explain the following :

- Preference shares.
- Debentures.

5. From the given balance sheet of a company prepare the statement of changes in working capital

Particulars	2010 (Rs.)	2011 (Rs.)
<b>Assets :</b>		
Cash	3,000	4,700
Accounts Receivable	12,000	11,500
Land	5,000	6,600
Stock	8,000	9,000
	<b>28,000</b>	<b>31,800</b>



I Semester M.C.A. Examination, January 2017  
(CBCS)  
COMPUTER SCIENCE  
MCA-102 T : Accounting and Financial Management

Time : 3 Hours

Max. Marks : 70

*Instruction : Answer any 5 from Section – A. Answer any 4 from Section – B.*

## SECTION – A

Answer any 5 questions. Each question carries 6 marks.

(5×6=30)

1. Explain the accounting conventions. 6
2. Prepare trial balance in the books of Shiva from the following ledger balances : 6

Ledger A/cs	Rs.
Capital	2,40,000
Sales	1,50,000
Purchase	90,000
Establishment expenses	60,000
Closing stock	50,000
Debtors	20,000
Creditors	10,000
Commission received	5,000
Motor Vehicle	10,000
Buildings	1,75,000
Audit fees	5,000
Charity	10,000
Wages	3,000
Carriage	2,000
Salary	5,000
Rent	5,000
Furniture	5,000
Loan	30,000
B/P	5,000
Cash	50,000
Investments	6,000
Bank overdraft	6,000

P.T.O.



3. Prepare a statement of changes in working capital from the following Balance Sheet of Suprabhatha Co. Ltd. 6

Liabilities	2014 (Rs.)	2015 (Rs.)	Assets	2014 (Rs.)	2015 (Rs.)
Equity share capital	3,00,000	4,00,000	Cash	50,000	41,000
Preference share capital	1,00,000	1,20,000	Land	1,40,000	2,00,000
5% Debentures	50,000	65,000	Furniture	35,000	50,000
Reserve fund	40,000	48,000	Work in progress	90,000	23,000
Creditors	30,000	26,000	Machinery	1,50,000	3,20,000
Bank loan	20,000	15,000	Bank	75,000	40,000
	<b>5,40,000</b>	<b>6,74,000</b>		<b>5,40,000</b>	<b>6,74,000</b>

4. Explain the types of Shares in Joint Stock Co. 6
5. Write the meaning of Financial Management and explain its role. 6
6. Write short notes of the following : 6
- Proprietary ratio.
  - Stock turnover ratio
  - Net profit ratio.
7. Explain briefly the methods of costing. 6
8. Explain the configuration of printing in Tally. 6

#### SECTION - B

Answer any 4 questions. Each question carries 10 marks. (4x10=40)

9. Prepare Trading and P/L A/c and Balance Sheet of Ganesh Traders from the following trial balance : 10

Trial balance as at 31-3-2011		
Particulars	Dr. (Rs.)	Cr. (Rs.)
Bills receivable	10,000	
Opening stock	42,000	
Debtors	30,000	
Creditors		20,000
Investment	15,000	
Bills payable		1,000
Returned outwards		2,000
Purchases	1,50,000	
Sales		3,00,000
Drawings	20,000	



Wages	5,000	
Capital		1,50,000
Land and buildings	85,000	31,000
Salaries	6,000	
Cash in hand and @ bank	20,000	
Discount allowed	2,000	
Discount received		3,000
Return inward	1,500	
Interest received		2,000
Carriage inward	2,000	
Bad debts	1,500	
Furniture and fittings	95,000	
Commission received		9,500
Carriage outwards	2,500	
<b>Total</b>	<b>4,87,500</b>	<b>4,87,500</b>

**Additional information :**

a) Closing stock Rs. 56,000.

10. From the following Balance Sheets prepare Comparative Balance Sheet and comment on the financial position of the business of Bangalore Co. Ltd. 10

<b>Liabilities</b>	<b>2013</b>	<b>2014</b>	<b>Assets</b>	<b>2013</b>	<b>2014</b>
	<b>(Rs.)</b>	<b>(Rs.)</b>		<b>(Rs.)</b>	<b>(Rs.)</b>
Equity sh. cap.	2,50,000	2,75,000	Buildings	2,00,000	2,25,000
6% Pref. sh. cap.	95,000	99,000	Premises	1,45,000	1,49,000
5% Debentures	45,000	55,000	Investments	75,000	80,000
B/P	30,000	25,000	Cash in hand	20,000	15,000
Bank loan	40,000	35,000	Cash at bank	20,000	30,000
General reserve	60,000	50,000	Debtors	40,000	50,000
Creditors	75,000	90,000	Motor vehicle	95,000	80,000
	<b>5,95,000</b>	<b>6,29,000</b>		<b>5,95,000</b>	<b>6,29,000</b>

11. From the following Balance Sheet of Sri. Company Ltd., prepare Cash Flow Statement as per indirect method. 10

<b>Liabilities</b>	<b>Balance Sheet</b>		<b>Assets</b>	<b>Balance Sheet</b>	
	<b>31-12-2015</b>	<b>31-12-2014</b>		<b>31-12-2015</b>	<b>31-12-2014</b>
	<b>(Rs.)</b>	<b>(Rs.)</b>		<b>(Rs.)</b>	<b>(Rs.)</b>
Share capital	1,00,000	82,000	Cash in hand	15,500	20,000
Sundry creditors	45,500	31,500	Sundry debtors	40,000	33,000
P/L a/c	10,000	8,500	Premises	85,000	57,000
			Furniture	15,000	12,000
	<b>1,55,500</b>	<b>1,22,000</b>		<b>1,55,500</b>	<b>1,22,000</b>



12. Prepare Fund Flow Statement from the following Balance Sheets.

10

<b>Balance Sheet</b>					
<b>Liabilities</b>	<b>2014</b>	<b>2015</b>	<b>Assets</b>	<b>2014</b>	<b>2015</b>
	<b>(Rs.)</b>	<b>(Rs.)</b>		<b>(Rs.)</b>	<b>(Rs.)</b>
Share Capital	4,00,000	3,75,000	Buildings	5,40,000	5,04,000
7% Debentures	2,50,000	2,50,000	Motor vehicles	1,50,000	1,50,000
Sundry Creditors	1,00,000	85,000	Stock	1,00,000	95,000
Profit and Loss A/c	1,40,000	1,20,000	Sundry Debtors	80,000	70,000
Outstanding expense	5,000	9,000	Cash in hand	25,000	20,000
	<b>8,95,000</b>	<b>8,39,000</b>		<b>8,95,000</b>	<b>8,39,000</b>

13. Prepare a Cost Sheet showing Prime cost, Factory cost and the Total cost per tonne for the period ended 31<sup>st</sup> December 2015.

10

<b>Particulars</b>	<b>Rs.</b>	<b>Particulars</b>	<b>Rs.</b>
Raw materials	95,000	Insurance (Factory)	2,000
Unproductive wages	18,000	Insurance (Office)	2,500
Productive wages	1,05,000	Rent of warehouse	1,300
Rent and taxes (Factory)	8,000	Buildings (Office)	1,500
Heating (Factory)	2,250	Depreciation on machinery	1,000
Lighting (Factory)	1,900	Motor vehicles (For delivery)	800
Haulage work	2,100	Advertising expenses	550
Power and water (Works)	5,000	Bank interest	100
Director's fees (Works)	3,000	Upkeep of motor vehicles	600
Director's fees (Office)	2,750	Sales department's Salaries	15,000
Factory labor charges	500	Bad debts	250
General expenses (office)	300		
Estimating expenses (works)	900		
Printing and stationery (factory)	875		
Printing and stationery (Office)	1,000		
Rent and taxes (Office)	1,200		
Consumption of Loose tools	700		
Commission on sales	1,100		

14. Explain the differences between computerized accounting and manual accounting and mention the types of accounting packages.

10



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(CBCS)  
COMPUTER SCIENCE  
MCA 102T : Accounting and Financial Management

Time : 3 Hours

Max. Marks : 70

*Instruction : Answer any 5 from Section – A. Answer any 4 from Section – B.*

SECTION – A

Answer any 5 questions. Each question carries 6 marks.

(5×6=30)

1. Discuss the accounting concepts.

6

2. Prepare a Trial Balance from the following :

6

	Rs.		Rs.
X's Capital A/c	50,000	Purchases	35,000
X's Drawing A/c	5,000	Discount allowed	1,500
Opening Stock	20,000	Carriage inward	1,300
Sundry Creditors	49,000	Return outward	1,000
Machinery	22,000	Insurance	1,400
Office Equipment	1,500	Printing and Stationary	675
Sundry Debtors	40,000	Rent and Taxes	1,450
Sales	60,575	Office Salaries	8,000
Cash at Bank	17,200	Returns inward	2,000
Cash in Hand	900	Bills Receivable	2,650

P.T.O.



3. From the following income statements for the year 2010 and 2011 prepare a comparative income statements :

6

Particulars	2010	2011	Particulars	2010	2011
	Rs.	Rs.		Rs.	Rs.
To Cost of goods sold	72,000	78,000	By Sales	1,00,000	1,30,000
To Depreciation	5,000	6,000	By Dividend	20,000	10,000
To Selling and Distribution Expenses	8,000	12,000	By Interest on Investment	10,000	-
To Interest on debt	15,000	14,000			
To Provision for tax	15,000	15,000			
To Net profit	15,000	15,000			
	<b>1,30,000</b>	<b>1,40,000</b>		<b>1,30,000</b>	<b>1,40,000</b>

4. Briefly explain the following :

6

- Shares
- Debentures
- Good will.

5. Briefly discuss the differences between fund flow and cash flow statements.

6

6. Write short notes on the following :

6

- Fixed assets ratio
- Current ratio
- Liquidity ratio.





7. The following is the Balance Sheet of a limited company on 31<sup>st</sup> December 2012.  
Calculate :

6

- i) Current ratio
- ii) Liquid ratio
- iii) Owners' equity ratio

**Balance Sheet as on 31<sup>st</sup> March 2012**

Liabilities	Amount	Assets	Amount
	Rs.		Rs.
5,000 equity shares of Rs. 100 each	5,00,000	Land and building	6,00,000
2,000 8% preference share Rs. 100 each	2,00,000	Machinery	5,00,000
4,000 9% preference shares Rs. 100 each	4,00,000	Stock	2,40,000
Reserves	3,00,000	Debtors	2,00,000
Creditors	1,50,000	Cash	55,000
Bank over draft	50,000	Prepaid expenses	5,000
	<b>16,00,000</b>		<b>16,00,000</b>

8. Explain the elements of cost.

6

**SECTION – B**

Answer any 4 questions. Each question carries 10 marks.

(4×10=40)

9. Redraft the Trial Balance and compile the final accounts :

10

Particulars	Dr.	Cr.
Freehold land	35,000	–
Mortgage loan	–	20,000



Plant and machinery	-	45,500
Loose tools	5,600	-
Bills payable	-	3,400
Sundry debtors	-	18,200
Sales	-	1,21,500
Cash at bank	11,000	-
Stock on 1/1/2014	10,500	-
Insurance	300	-
Bad debts written off	560	-
Sundry creditors	15,600	-
Bills receivable	5,400	-
Purchases	50,000	-
Cash in hand	640	-
Rents and Rates	1,300	-
Interest paid	250	-
Wages	10,700	-
Trade expenses	150	-
Salaries	1,560	-
Repairs to plant	875	-
Carriage inwards	350	-
Discount	290	175
Mohan's capital	40,000	-
Mohan's drawings	-	2,500



10. The following is the Trading and P & L Account of XYZ Ltd. for the year ending 31/3/2014 :

10

Particulars	Amount	Particulars	Amount
	Rs.		Rs.
To Opening Stock	38,000	By Sales	2,50,000
To Purchases	1,57,750	By Closing stock	49,250
To Carriage inwards	1,000		
To Wages	2,500		
To Gross profit	1,00,000		
	<b>2,99,250</b>		<b>2,99,250</b>
To Admin. expenses	50,500	By Gross profit b/d	1,00,000
To Selling expenses	9,500	By Non-operating income	
To Interest paid	1,000	(dividend)	3,000
To Net profit	42,000		
	<b>1,03,000</b>		<b>1,03,000</b>

Calculate :

- i) Gross profit ratio
- ii) Net profit ratio
- iii) Operating cost ratio
- iv) Operating profit ratio
- v) Stock turnover ratio.



11. From the following two Balance Sheets prepare fund flow statements : 10

<b>Balance Sheet</b>					
<b>Liabilities</b>	<b>2012</b>	<b>2013</b>	<b>Assets</b>	<b>2012</b>	<b>2013</b>
	<b>Rs.</b>	<b>Rs.</b>		<b>Rs.</b>	<b>Rs.</b>
Share capital	3,25,000	3,00,000	Land	5,00,000	4,60,000
Profit and Loss A/c	1,20,000	1,00,000	Machinery	1,00,000	1,00,000
	<b>Rs.</b>	<b>Rs.</b>		<b>Rs.</b>	<b>Rs.</b>
9% debentures	2,00,000	2,00,000	Stock	1,10,000	80,000
Creditor	98,000	75,000	Debtors	30,000	36,000
Outstanding Expenses	2,000	5,000	Cash	5,000	4,000
	<b>7,45,000</b>	<b>6,80,000</b>		<b>7,45,000</b>	<b>6,80,000</b>

12. The Balance Sheet of X Company Ltd. is given below : 10

<b>Balance Sheet</b>					
<b>Liabilities</b>	<b>31.12.2012</b>	<b>31.12.2011</b>	<b>Assets</b>	<b>31.12.2012</b>	<b>31.12.2011</b>
	<b>Rs.</b>	<b>Rs.</b>		<b>Rs.</b>	<b>Rs.</b>
Share capital	38,000	36,000	Cash	8,000	12,000
Creditors	15,200	12,800	Debtors	38,000	31,000
Profit and Loss A/c	7,000	5,800	Land and building	12,400	10,000
			Machinery	1,800	1,600
	<b>60,200</b>	<b>54,600</b>		<b>60,200</b>	<b>54,600</b>

Prepare cash flow statement as per indirect method.



13. Prepare a Cost Sheet showing :

10

- i) Cost of materials consumed
- ii) Prime cost
- iii) Factory cost
- iv) Total cost and
- v) Profit.

Particulars	Rs.	Particulars	Rs.
Raw materials	33,000	Productive wages	35,000
Unproductive wages	10,500	Factory rates and taxes	7,500
Factory lighting	2,200	Factory heating	1,500
Motive power	4,400	Plant maintenance	3,000
Director's fee (works)	1,000	Director's fee (admin.)	2,000
Factory cleaning	500	Sundry office expenses	200
Estimating expenses	800	Factory stationary	750
Office stationary	900	Consumption of loose tools	600
Office rents and taxes	500	Water supply	1,200
Factory insurance	1,100	Office insurance	500
Legal expenses	400	Direct expenses	3,000
Maintenance of delivery vans	700	Depreciation of plant	2,000
Depreciation of office building	1,000	Depreciation of delivery vans	200
Commission on sales	1,500	Advertising	300
Sales department salaries	1,500	Sales	1,42,750

14. Write short notes on :

- a) Doctrine of Accounting.
- b) Financial Statement Analysis.

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I Semester M.C.A. Examination, January 2015  
(CBCS)  
Computer Science  
MCA 102 T : ACCOUNTING AND FINANCIAL MANAGEMENT

Time : 3 Hours

Max. Marks : 70

**Instruction :** Answer **any five** questions from Part – A and **four** from Part – B.

## PART – A

Answer **any 5** questions. Each question carries **6** marks.

(5x6=30)

1. Enter the following transactions in the book of Ramesh : 2008

Month	Particulars	Amount
February 1	He commenced business with cash	30,000
February 3	Cash purchases	20,000
February 4	Goods bought from Ram on Credit	80,000
February 5	Goods sold to Rahim by cash	20,000
February 6	Goods bought from Kasim	10,000
February 10	Cash deposited into bank	10,000

2. Prepare a statement of changes in working capital from the following Balance Sheet of Baldev & Co. Ltd.,

Liabilities	Balance Sheet as on 31 <sup>st</sup> December		Assets	2008	2009
	2008	2009		2008	2009
	Rs.	Rs.		Rs.	Rs.
Equity Capital	5,00,000	5,00,000	Fixed Assets	6,00,000	7,00,000
Debentures	3,70,000	4,50,000	Long term Investments	2,00,000	1,00,000
Tax Payable	77,000	43,000	Work-in-progress	80,000	90,000
Creditors	96,000	1,92,000	Stocks	1,50,000	2,25,000
Interests payable	37,000	45,000	Debtors	70,000	1,40,000
Dividend Payable	50,000	35,000	Cash	30,000	10,000
	<b>11,30,000</b>	<b>12,65,000</b>		<b>11,30,000</b>	<b>12,65,000</b>

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3. From the following information, prepare the Profit and Loss Account for the year ending on March 31, 2008.

Particulars	Amount Rs.	Particulars	Amount Rs.
Gross Profit	37,200	Salaries and Wages	12,000
Discount Received	600	Discount allowed	1,200
Interest on load paid	1,500	Interest received	1,800
Commission received	1,200	Commission to Salesmen	900
Rent, Rates and Taxes paid	2,400	Rent Received	600
Fire Insurance Premium	2,160	Carriage outward	600
Freight outward	300	Repairs and Maintenance	360
Printing and Stationery	360	Travelling Expenses	960
Entertainment Expenses	720	Water and Electricity	720
Postage and Telegram	300	Advertising and Publicity	2,400
Sales Promotion Expenses	240	Telephone Expenses	600
Bad Debts	600	Packing Expenses	300
Audit Fees	1,200	Bank Charges	240
Depreciation on furniture		Legal Charges	600
Sales office	600	Miscellaneous Expenses	600
Administrative Office	1,200	Loss on Sale of Fixed Assets	300
Miscellaneous Incomes	1,200	Loss by theft	3,000
Profit on sale of Fixed Assets	5,100	Dividend received on Shares	180
Loss by fire	600	Income from investments	120
Loss by Embezzlement	600		



4. The following balances were extracted from the books of Sheetal Prasad as on 31<sup>st</sup> March, 2007. Prepare trial balance.

<b>Particulars</b>	<b>Amount Rs.</b>
Capital account	50,000
Business premises	35,000
Furniture and fixtures	13,500
Plant and machinery	46,000
Purchases	78,900
Sales	1,30,620
Returns inwards	1,500
Returns outwards	380
Carriage inward	230
Carriage outward	120
Discount received	470
Discount allowed	540
Wages	17,860
Insurance, rates etc.	1,370
Rent recovered	530
Miscellaneous expenses	1,480
Sundry creditors	22,760
Sundry debtors	34,000
Drawings	3,000
Bills payable	1,140
Cash in hand	1,200
Bank overdraft	28,800





5. Mention the golden rules of Personal, Real and Nominal account.
6. Briefly explain the advantages of a joint stock company.
7. Write a short note on :
  - a) Shares
  - b) Debentures.
8. Following is the Balance Sheet of X & Co. as in 30-6-2007

Liabilities -	Rs.	Assets	Rs.
Equity Shares of Rs. 10 each	1,00,000	Goodwill	50,000
Reserves	25,000	Fixed Assets	1,50,000
Profit and Loss A/c	40,000	Stock	40,000
Secured Loan	70,000	Sundry Debtors	50,000
Sundry Creditors	50,000	Less Reserve for doubtful debts	<u>1,000</u>
			49,000
Bank overdraft	30,000	Advances	10,000
Provision of Taxation	20,000	Bank Balance	20,000
		Cash in hand	16,000
	<b>3,35,000</b>		<b>3,35,000</b>

Calculate :

- i) Current Ratio
- ii) Liquid Ratio
- iii) Absolute Liquid Ratio.



## PART -- B

Answer **any 4** questions. **Each** question carries **10** marks.

**(10×4=40)**

9. Following trial balance is submitted to you by Rohan. Traders for the year ended 31<sup>st</sup> March 2008 on which date his closing stock was valued at Rs. 39,300. Prepare his trading, profit and loss account and the balance sheet.

<b>Particulars</b>	<b>Dr. Rs.</b>	<b>Particulars</b>	<b>Cr. Rs.</b>
Drawings	5,000	Sales	1,39,000
Opening stock	23,400	Bank loan	10,000
Furniture	1,785	Interest	1,725
Purchases	1,17,650	Sundry creditors	6,700
Investments	2,500	Discount	1,495
Carriage inwards	9,300	Capital	54,050
Deposits	15,000		
Sundry debtors	10,025		
Cash	190		
Bank	4,000		
Rent	2,850		
Salaries	4,650		
Interest	750		
Advertisement	7,300		
Audit fees	2,310		
Insurance	300		
Travelling	1,600		
Discount	3,770		
Bad debts	590		
<b>Total</b>	<b>2,12,970</b>		<b>2,12,970</b>



- 10/ Following is the trading and profit and loss account of Western Ltd., for the year ended on 31<sup>st</sup> December 2009.

Particulars	Rs.	Particulars	Rs.
Stock	70,000	Sales	5,00,000
Purchases	3,00,000	Stock	90,000
Carriage	6,000		
Wages	14,000		
Gross profit	2,00,000		
	<b>5,90,000</b>		<b>5,90,000</b>
Administrative exp.	1,02,000	Gross profit	2,00,000
Selling and distribution expenses	20,000	Dividend received	5,000
Interest	3,000		
Net profit	80,000		
	<b>2,05,000</b>		<b>2,05,000</b>

You are required to calculate :

- Gross profit ratio
  - Net profit ratio
  - Operating net profit ratio
  - Operating ratio
  - Expenses ratio.
11. The Balance Sheet of a Limited Company as at 31-3-2009 and 31-3-2010 were as following :

Liabilities	2009	2010	Assets	2009	2010
	Rs.	Rs.		Rs.	Rs.
Equity Share Capital	45,000	65,000	Fixed Assets	46,700	83,000
General Reserve	5,000	7,500	Stock	11,000	13,000
P and L A/c	10,000	15,000	Debtors	18,000	19,500
11 % Debentures	10,000	20,000	Cash	2,000	2,500
Trade Creditors	8,700	11,000	Preliminary Exp.	1,000	500
	<b>78,700</b>	<b>1,18,500</b>		<b>78,700</b>	<b>1,18,500</b>

Prepare a schedule of changes in Working Capital and a Statement of Sources and Application of Funds.



12. From the following particulars prepare a Cost Sheet showing the total cost per tone for the period ended 31<sup>st</sup> December 2009.

Particulars	Rs.	Particulars	Rs.
Raw materials	33,000	Rent and taxes (office)	500
Productive wages	38,000	Water supply (works)	1,200
Unproductive wages	10,500	Factory Insurance	1,100
Factory rent and taxes	7,500	Office Insurance	500
Factory lighting	2,500	Legal expenses	400
Factory heating	1,500	Rent of warehouse	300
Motive power	4,400	Depreciation of plant and machinery	2,000
Haulage (works)	3,000	Office Building	1,000
Director's fees (works)	1,000	Delivery Vans	200
Director's fees (office)	2,000	Bad debts	100
Factory cleaning	500	Advertising	300
Sundry office expenses	200	Sales department's salaries	12,500
Estimating expenses (works)	800	Upkeep of delivery vans	700
Factory stationery	750	Bank Charges	50
Office stationery	900	Commission on sales	1,500
Loose tools written off	600		

The total output for the period has been 14,775 tones.

13. Write a detailed note on Accounting concepts and convention.



14. Following is the Balance Sheets of Santhosh Ltd.

<b>Liabilities</b>	<b>2012 Rs.</b>	<b>2013 Rs.</b>
Equity Share Capital	2,00,000	2,50,000
10 % Preference Share Capital	2,00,000	1,50,000
Reserve Fund	80,000	1,00,000
Profit and Loss Account	1,00,000	1,50,000
12 % Debentures	2,00,000	3,00,000
Creditors	1,00,000	1,20,000
Bank O.D.	50,000	20,000
	<b>9,30,000</b>	<b>10,90,000</b>
<b>Assets</b>		
Building	3,00,000	3,20,000
Machinery	1,50,000	1,80,000
Furniture	40,000	35,000
Investments	1,00,000	1,50,000
Stock	1,50,000	2,00,000
Debtors	1,00,000	1,20,000
Cash at Bank	90,000	85,000
	<b>9,30,000</b>	<b>10,90,000</b>

You are required to comment on the financial position of business with the help of Comparative Balance Sheet Technique.

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I Semester M.C.A. Degree Examination, Jan./Feb. 2014  
 (Y2K12 Scheme)  
**COMPUTER SCIENCE**  
**1 MCA - 2 : Financial Accounting**

Time : 3 Hours

Max. Marks : 80

Instruction : Answer any 4 questions from Sec. A and any 4 from Sec. B.

SECTION - A

Answer any 4 questions each question carries 8 marks.

(4x8=32)

① What is Accounting and explain the functions of Accounting. *b*

② Distinguish between fund flow statement and cash flow statement. *S*

③ Journalise the following transactions in the books of Mr. Rahul.

- 2013 June
- 1 Started business with cash Rs. 3,00,000
  - 15 Goods sold to Mr. Raghu Rs. 15,000
  - 18 Purchased office furniture Rs. 60,000 *C*
  - 25 Purchased goods for Mr. Prakash Rs. 40,000
  - 27 Paid cash to Mr. Prakash Rs. 20,000
  - 28 Received cash from Mr. Raghu Rs. 10,000
  - 29 Received commission Rs. 2,000
  - 30 Paid Rent by cash Rs. 1,000

✓ 4. Enter the following Transactions into respective subsidiary books.

2013 July	1 Purchased goods from Puneet, Delhi	900
	2 Sold goods to Sanjay, Bombay	1,000
	4 Sold goods to Vinod, Madras	2,000
	10 Bought goods from Vicky, Bangalore	1,500
	14 Bought goods from Raveesh, Hyderabad	3,000
	19 Sanjay returned goods	200
	21 Returned goods to Puneet	200
	25 Returned goods to Vicky	500
	28 Sold goods to Ganesh, Bangalore worth Rs. 5000 subject to a trade discount of 10 %	
	29 Vinod returned goods	300

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5) Explain briefly the various accounting concepts ? 6

6. Under which group the following accounts are created in Tally

- a) Land and building
- b) Rent received
- c) Wages
- d) Medical Allowances
- e) Drawings
- f) Capital Accounts
- g) Loan Borrowed
- h) Salaries.

#### SECTION - B

Answer any 4 questions each question carries 12 marks. 6

(4x12=48)

7) From the Trial Balance and other particulars given below you are required to prepare Trading and Profit and Loss Account for the year ending 31-3-2013 and the Balance Sheet as on that date.

Particulars	Debit	Credit
Sunny Capital and Drawing	6,820	93,230
Purchases and sales	83,290	1,26,177
Debtors and Creditors	47,800	22,680
Returns	7,422	3,172
Wages	9,915	-
Manufacturing expenses	2,500	-
Stock on 1-4-2012	21,725	-
Factory fuel and power	542	-
Office salaries	3,745	-
Factory lighting	392	-
Carriage outward	960	-
Plant and Machinery	55,000	-
Fixtures and fittings	1,720	-
Bills payable	-	6,422
Travelling expenses	925	-



Cash in hand	68	-
Cash at Bank	2,425	-
Rent and taxes	1,765	-
Office expenses	2,778	-
Discount allowed	422	-
Insurance	570	-
Carriage Inwards	897	-
	<b>2,51,681</b>	<b>2,51,681</b>

**Adjustment :**

- 1) Stock on 31-3-2013 Rs. 16,580
- 2) Insurance prepaid Rs. 70
- 3) Wages outstanding Rs. 800, Salary outstanding Rs. 350 and Rent outstanding Rs. 150
- 4) Depreciate Plant and Machinery by 5% and Fixtures and Fittings by 10 %
- 5) Reserve 2.5 of debtors for bad debts.

8. The following is the Balance Sheet of Rupriya and Company.

Liabilities	2012	2013	Assets	2012	2013
Share capital	3,00,000	4,00,000	Goodwill	1,15,000	90,000
Debentures	1,50,000	1,00,000	Buildings	2,00,000	1,70,000
General Reserve	40,000	70,000	Debtors	1,60,000	2,00,000
Profit and Loss A/c	72,000	98,000	Bills Receivable	20,000	30,000
Creditors	55,000	83,000	Stock	1,57,000	3,09,000
Bills payable	20,000	16,000	Cash	25,000	18,000
Provision for tax	40,000	50,000			
	<b>6,77,000</b>	<b>8,17,000</b>		<b>6,77,000</b>	<b>8,17,000</b>

Income tax paid is Rs. 40,000

Prepare Fund Flow statement.

9. Profit and Loss Account of MN Ltd. for the year ended 31 March 2013.

	Rs.		Rs.
To opening stock	90,000	By Sales	9,00,000
„ Purchases	5,60,000	„ Closing Stock	90,000
„ Wages	2,14,000		
„ Gross Profit	1,26,000		
	<b>9,90,000</b>		<b>9,90,000</b>



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To Salaries	16,000	By Gross Profit	1,26,000
„ Electricity	10,000		
„ Miscellaneous expenses	10,000		
„ Depreciation	30,000		
„ Net profit	60,000		
	<b>1,26,000</b>		<b>1,26,000</b>

**Balance Sheet as on 31 March 2013**

Liabilities	Rs.	Assets	Rs.
Equity Share Capital	1,80,000	Fixed assets 5,40,000	3,90,000
		Less Dep. 1,50,000	
Reserves and surplus	1,20,000	Stock	90,000
Secured loans	2,10,000	Debtors	1,05,000
Creditors	90,000	Cash	15,000
	<b>6,00,000</b>		<b>6,00,000</b>

You are required to calculate :

- Current ratio
- Liquid ratio
- Debt Equity Ratio
- Proprietary Ratio
- Gross profit ratio
- Net Profit ratio
- Return on capital employed.

10. Pass Journal Entries for the following transaction and post them into various ledger accounts.

- 2013 July
- 1 Sunil started business with cash Rs. 1,00,000
  - 3 Sunil sold goods for cash Rs. 3,00,000
  - 5 Sunil purchased goods for cash Rs. 50,000
  - 10 Sunil sold goods on credit to Satish Rs. 1,00,000
  - 15 Sunil purchased goods on credit from Ram Rs. 50,000

11. Illustrate the procedure for entering transaction into Voucher and give the Command for the following transactions.

- Gupta started business with cash Rs. 2,00,000
- Sold Goods for cash Rs. 75,000
- Salaries paid through HDFC Bank cheque Rs. 10,000

12. What is Financial Management and explain briefly the functional Areas of Financial Management.