[5165]-101

## M.B.A. (Semester-I) <br> 101 : ACCOUNTING FOR BUSINESS DECISIONS

(2013 Pattern) (Revised)
Time : $2^{1 ⁄ 2}$ Hours]
[Max. Marks : 50
Instructions to the candidates:-

1) All questions are compulsory.
2) Each question has an internal option.
3) Each question carries 10 marks.
4) Use of simple calculator is allowed.

Q1) Differentiate between financial accounting and cost accounting.
OR
Briefly explain the role of management accounting in global business environment.

Q2) Following is theTrial Balance of Mr. Dhoni as on $31^{\text {st }}$ March 2016. Prepare his Trading A/c, P\&C A/c and Balance sheet.

| Particular | Debit (Rs.) | Credit (Rs.) |
| :--- | ---: | ---: |
| Dhoni's capital |  | $5,50,000$ |
| Good will | 50,000 |  |
| Op. Stock | $2,00,000$ |  |
| Bills receivables | 50,000 |  |
| Plant \& M/c | $2,50,000$ |  |
| Purchases | $4,00,000$ |  |
| Sales | $1,00,000$ | $5,90,000$ |
| Investments | 30,000 |  |
| Furniture |  | 5,000 |
| Returns outward | 20,000 |  |
| Dhoni's Drawings |  |  |


| Sundry Debtors | $1,80,000$ |  |
| :--- | ---: | ---: |
| Sundry creditors |  | $2,70,000$ |
| Salaries | 25,000 |  |
| Wages | 40,000 |  |
| Insurance | 25,000 |  |
| General expenses | 40,000 |  |
| Advertisement (for 5 years from 1/4/15) | 15,000 |  |
| Interest \& commission | 10,000 |  |
| Prepaid insurance |  | 5,000 |
| Miscellaneous income | $14,35,000$ | $14,35,000$ |
| Total |  | 5,000 |

Adjustments

1) Closing stock was valued at Rs. $2,00,000$
2) Depreciation on $\mathrm{M} / \mathrm{c} @ 10 \%$
3) Create reserve for doubtful debt @ $10 \%$
4) Outstanding salaries amounted to Rs.10,000
5) Goods distributed as free samples Rs.10,000

OR
From the following Trial Balance of M/s Ram Co. Prepare:- Trading A/c, P\&LA/c, Balance sheet for the year ending 31 ${ }^{\text {st }}$ March 2016.

| Particulars | Debit (Rs.) | Credit (Rs.) |
| :--- | ---: | ---: |
| Capital |  | 45,000 |
| Drawings | 3,250 |  |
| Land and buildings | 12,750 |  |
| Plant \& M/c | 7,250 |  |
| Furniture | 750 |  |
| Carriage | 2,125 |  |
| Wages | 10,750 |  |
| Salaries | 2,350 |  |


| Bad debts Reserve (1-4-15) |  | 1,250 |
| :--- | ---: | ---: |
| Sales |  | 47,500 |
| Return inward | 900 |  |
| Bank Charges | 750 |  |
| Taxes | 425 | 60 |
| Discount | 20,000 |  |
| Purchases | 750 |  |
| Bills receivable | 18,900 | 6,125 |
| Debtors | 12,500 |  |
| Creditors | 7,000 | 515 |
| Stock(1-4-15) |  |  |
| Cash is hand | $1,00,450$ | $1,00,450$ |
| Bank Loan |  |  |
| Total |  |  |

Adjustments

1) Closing stock (31-3-2016) Rs. 3,625/-
2) Providing $10 \%$ depreciation p.a. on all types of fixed assets
3) Allow interest on capital @ $5 \%$ p.a. No interest is to be charged on drawings.
4) Increase bad debts reserve to Rs.1,750
5) Make a provision for commission to the General Manager on gross profit@2\%

Q3) From the following transactions, prepare a store ledger $\mathrm{A} / \mathrm{c}$ showing pricing of material on LIFO basis. (Last in First out basis)

| Date | Particulars | Units | cost per unit |
| :--- | :--- | :--- | :--- |
| $1 / 5 / 17$ | Op.stock | 600 units | @Rs. 14 each. |
| $3 / 5 / 17$ | Purchased | 300 units @ Rs. 15 each |  |
| $6 / 5 / 17$ | Issued | 500 units |  |
| $7 / 5 / 17$ | Purchased | 900 units @ Rs. 16 each |  |
| $8 / 5 / 17$ | Issued | 600 units |  |
| $12 / 5 / 17$ | Issued | 200 units |  |
| $23 / 5 / 17$ | Purchased | 400 units @ Rs.18 each |  |
| $27 / 5 / 17$ | Issued | 500 units |  |

OR

The accounts of G.B. Manufactures Ltd. for the year ending 31 ${ }^{\text {st }}$ Dec. 2016. as given below.

| Particular | Amt. (Rs.) |
| :--- | ---: |
| Stock of RM (1-1-2016) | 16,720 |
| Material purchased | 25,900 |
| Travellers commission | 1,078 |
| Depreciation on office furniture | 42 |
| Rent \& insurance (factory) | 1,190 |
| Productive wages | 17,640 |
| Directors fees | 840 |
| General expenses | 476 |
| Gas \& water (Factory) | 168 |
| Travelling exp. | 294 |
| Sales | 76,000 |
| Managers salary (Factory) | 1,000 |
| Managers salary (office) | 500 |
| Deppeciation on plant \& M/c | 1,820 |
| Discount allowed | 406 |
| Repairs plant \& M/c | 623 |
| Carriage outward | 602 |
| Direct expenses | 1,001 |
| Rent \& insurance (Office) | 280 |
| Gas \& water (office) | 56 |
| Stock of material on (31-12-2016) | 8,792 |
| Profit | 8,156 |

Prepare a cost sheet showing
a) Material consumed
b) Prime cost
c) Factory cost
d) Cost of production
e) Total cost

Q4) "R-Dture" company limited is expecting to have cash in hand of Rs. 25,000 on $1^{\text {st }}$ April 2016.
i) You are required to prepare cash Budget during the three months, April to June 2016.
The following information is supplied to you.

| Month | Sales(Rs.) | Purchases (Rs.) | Wages(Rs.) | Expenses(Rs.) |
| :--- | :---: | :---: | :---: | :---: |
| February | 70,000 | 40,000 | 8,000 | 6,000 |
| March | 80,000 | 50,000 | 8,000 | 7,000 |
| April | 92,000 | 52,000 | 9,000 | 7,000 |
| May | $1,00,000$ | 60,000 | 10,000 | 8,000 |
| June | $1,20,000$ | 55,000 | 12,000 | 9,000 |

ii) Write note on labour variance
i) Write note on budgetory control system.
ii) From the following calculate
a) Material cost variance
b) Material price variance

| Material | Standard |  |  | Actual |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Qty. | Price <br> (Rs.) | Total <br> (Rs.) | Qty. | Price <br> (Rs.) | Total <br> (Rs.) |
| X | 2,500 | 6.00 | 15,000 | 2,000 | 6.00 | 12,000 |
| Y | 2,000 | 3.75 | 7,500 | 2,500 | 3.60 | 9,000 |
| Z | 1,500 | 3.00 | 4,500 | 2,000 | 2.80 | 5,600 |
| Total | 6,000 |  | 27,000 | 6,500 |  | 26,600 |

Q5) i) From the following find out
a) $\mathrm{P} / \mathrm{v}$ ratio
b) Fixed cost

|  | Sales(Rs.) | Profit (Rs.) |
| :--- | :---: | :---: |
| Period I | $10,00,000$ | $1,50,000$ |
| Period II | $12,00,000$ | $2,30,000$ |

ii) Short note on "Uses of marginal costing".

OR
i) Reno manufacturing Ltd. furnishes following data.

| Particulars | Amt.(Rs.) |
| :--- | ---: |
| Sales | $1,50,000$ |
| $(-)$ Variable cost | $1,20,000$ |
| Contribution | 30,000 |
| $(-)$ Fixed cost | 20,000 |
| Profit | 10,000 |

You are required to calculate
a) $\mathrm{P} / \mathrm{v}$ ratio
b) BEP (sales)
ii) Explain the use of marginal costing in "make or buy decision".

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## Total No. of Questions : 5]

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Instructions to the candidates:-

1) All questions are compulsory.
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4) Use of simple calculator is allowed.

Q1) a) Distinguish between management accounting and financial accounting.
OR
b) Explain the concept of management accounting. Discuss the utility of management accounting.

Q2) a) What is mean by financial statements? Explain the objectives of financial statements.

OR
b) Do you think that the financial statements of proprietary and limited companies are same? Justify.

Q3) a) The M/s Modern Ltd. Company submits the following information as on $31^{\text {st }}$ March 2015. Prepare a statement of cost and find out sales.

Particulars
Opening stock of Raw materials
Amount (Rs.)

Purchases
40,000

Closing stock of Raw materials
3,00,000
Direct labour
20,000
Factory lighting
1,20,000

Power \& fuel 15,000

Office rent 30,000

Printing \& stationery 25,000

Office furniture 10,000

Opening stock of finished goods
20,000

Closing stock of finished goods
11,200
Selling \& distribution overheads
32,400
Profit

20,000
1,39,700
b) Classify the following items as

1) Factory overhead
2) Office overhead
3) Selling \& distribution overhead
4) Items excluded from cost sheet
i) Indirect material
ii) Printing \& stationery
iii) Telephone \& telegram
iv) Travelling expenses
v) Factory insurance
vi) Supervisor's salary
vii) Show room expenses
viii) Bad debts
ix) Depreciation of factory building
x) Interest on capital

Q4) a) The store ledger of XYZ Ltd. company reveal the following entries of a particular material. Calculate the value of closing stock as on $31^{\text {st }}$ January 2016 by adopting FIFO method.

| Date | Purchases |  | Issues |
| :--- | :--- | :---: | :---: |
|  | Qty. | Rate | Qty. |
| $2 / 1 / 2016$ | 4,000 | 1.80 |  |
| $5 / 1 / 2016$ | 2,000 | 1.75 |  |
| $8 / 1 / 2016$ |  |  | 10,000 |
| $11 / 1 / 2016$ |  |  | 5,000 |
| $14 / 1 / 2016$ | 3,000 | 1.85 |  |
| $28 / 1 / 2016$ | 3,000 | 1.90 | 10,000 |

Opening stock as on 1/1/2016 was 20,000 units valued at Rs.40,000 OR
b) PH Ltd. is a manufacturing company having three production departments ( $\mathrm{A}, \mathrm{B} \& \mathrm{C}$ ) and two service departments ( $\mathrm{X} \& \mathrm{Y}$ ), for the month of December 2015.
Particulars
Factory Rent Rs.

Power
Depreciation
000
1,000
Indirect labour 9,000
Additional information

| Particulars | A | B | C | X | Y |
| :--- | :---: | :---: | :---: | :---: | ---: |
| Direct materials | 1,000 | 2,000 | 4,000 | 2,000 | 1,000 |
| Direct wages | 5,000 | 2,000 | 8,000 | 1,000 | 2,000 |
| Area (sq.ft.) | 500 | 250 | 500 | 250 | 500 |
| Capital value of Assets | 20,000 | 40,000 | 20,000 | 10,000 | 10,000 |
| Horse power of machine | 50 | 40 | 20 | 15 | 25 |

You are required to show a statement of distribution of overheads to various departments.

Q5) a) From the following information compute
i) Direct material price variance
ii) Direct material usage variance
iii) Direct material mix variance

Particulars
Standard
Actual

Qty.(Kgs.) Unit Total Qty.(kgs.) Unit Total | price |  | price |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 20 | 2,000 | 50 | 30 | 1,500 |

$\begin{array}{lcccccc}\text { Material A } & 100 & 20 & 2,000 & 50 & 30 & 1,500 \\ \text { Material B } & 200 & 30 & 6,000 & 100 & 60 & 6,000\end{array}$
$\begin{array}{llllll}\text { Material B } & 200 & 30 & 6,000 & 100 & 60\end{array}$
Material C
$\frac{200}{500}$
$60 \quad \frac{12,000}{20,000} \quad \frac{150}{300}$
50
$\frac{7,500}{15,000}$
OR
b) The following data are obtained from the records of a company

$$
2014 \quad 2015
$$

Sales
Rs.80,000
Rs.90,000
Profit
Rs.10,000
Rs.14,000
Calcualte:
i) Contribution
ii) $\quad \mathrm{P} / \mathrm{V}$ ratio
iii) Fixed cost
iv) BEP in sales (Rs.)

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