# 23101 Financial Accounting and Auditing VII - Financial Accounting <br> Date of Exam : 18.11.2022 <br> TYBCOM SEM - V 

## Solution for MCQs

Q. 1 A Select the appropriate answer from the following. [Any 10]

10 Marks
1 Interest Accrued but not due on bank loan appears in Balance Sheet under the head of
c) Other Current Liabilities
2) Arrears of Preference dividend is not paid in the Internal Reconstruction Scheme,
c) No entry appears
3) Investment Accounting is governed by
a) AS 13
4) Buy back of shares results in
a) Reduction of Share Capital
5) One of the following is not regarding the Internal Reconstruction
d) Liquidation of Company
6) Whistle Blowing is
d) An act of reporting illegal Activities
7) CSR stands for
b) Corporate Social Responsibility
8) Copy Rights is shown in Company Balance Sheet under the head of

## b) Intangible Assets

9) One of the following is not a fixed income investment
b) Equity Shares
10) One of the following is the sources of buy back of shares
c) Profit and Loss Account
11) Ex interest price and Cum interest price are the prices relating to
d) Debentures
12) One of the following is not the ethics of Professional Accountant
d) Frauds
1.B Match the following items from table A and B ( Any 10)

10 Marks

| Column A | Ans | Column B |
| :--- | :--- | :--- |
| 1 Balance in Capital Reduction Account | f | Transferred to Capital Reserve Account |
| 2 Goodwill written off | k | Debited to Capital Reduction Account |
| 3 Partly paid Equity Shares | g | Cannot be bought back |
| 4Wages and Bonus | h | Employees Benefit Expenses |
| 5 Loose tools |  | Inventories |
| 6 Pre Acquisition dividend | a | Deducted from the cost of investment |
| 7 Post Acquisition Dividend | j | Revenue Receipts |
| 8 General Reserve | I | Free Reserve |
| 9 Security Premium | d | Premium on buy back of shares written off |
| 10 Code of ethics | c | Set of Standards and Principles |
| 11Sub division of Shares | b | Increase in number of shares |
| 12 Ex Interest price | e | Excluding interest |
|  |  |  |

## Question 2

## Solution:

## Canisha Ltd. Balance Sheet as at $\mathbf{3 1}^{\text {st }}$ March, 2022



| III. Profit/(Loss) for the Period |  |  | 2,96,500 |
| :---: | :---: | :---: | :---: |
|  | Marking Scheme: 11 Note X 1 +2 Mark for Notes of Trade re Notes of Other Expenses+ 1 M +2 Mark for Total = 20 Marks |  |  |
| Notes to Accounts |  |  | Rs. |
| 1. Share Capital <br> Equity Share Capital <br> Subscribed and Paid-up Capital Total |  |  |  |
|  |  |  | 24,00,000 |
|  |  |  | 24,00,000 |
| 2. Reserves and Surplus |  |  |  |
| a. <br> b. | General Reserve |  | 1,50,000 |
|  | Surplus Account |  |  |
|  | Opening Balance | 87,000 |  |
|  | Add: Profit for the year 2021-22 | $\underline{2,96,500}$ |  |
|  |  | 3,83,500 |  |
|  | Less: Appropriations |  |  |
|  | Interim Dividend Paid | 2,25,000 | 1,58,500 |
|  | Total |  | 3,08,500 |
| 3. | Long-Term Borrowings 6\% Debentures |  | 18,00,000 |
| 4. | Trade Payables |  |  |
| a. | Sundry Creditors |  | 3,00,000 |
| b. | Bills Payable |  | 2,28,000 |
|  | Total |  | 5,28,000 |
| 5. | Other Current Liabilities |  |  |
| a. | Director's Fees Outstanding |  | 2,000 |
| b. | Salaries Outstanding |  | 5,000 |
| c. | Debenture Interest Outstanding |  | 54,000 |
|  | Total |  | 61,000 |
| 6. | Tangible Assets |  |  |
| a. | Premises | 20,00,000 |  |
|  | Less : Depreciation (2\%) | 40,000 | 19,60,000 |
| b. | Plant and Machinery | 18,00,000 |  |
|  | Less : Depreciation (5\%) | 90,000 | 17,10,000 |
| c. | Furniture | 43,200 |  |
|  | Less: Depreciation | 7,200 | 36000 |
|  | Total |  | 37,06,000 |
| 7. | Trade Receivables |  |  |


| Sundry Debtors <br> Less : Provision for Doubtful Debts |  | $\begin{array}{r} 5,02,000 \\ 23,400 \end{array}$ |
| :---: | :---: | :---: |
| Total |  | 4,78,600 |
| 8. Purchases |  |  |
| Purchases |  | 11,10,000 |
| Less : Free Samples |  | 15,000 |
| Total |  | 10,95,000 |
| 9. Change in Inventories |  |  |
| Opening Stock |  | 4,50,000 |
| Less : Closing Stock |  | 6,00,000 |
| Total |  | $(1,50,000)$ |
| 10. Employee Benefits Expenses |  |  |
| a. Wages |  | 5,09,190 |
| a. Salaries (Rs. 87,000 ) |  | 92,000 |
| Outstanding( Rs.5,000) |  |  |
| Total |  | 6,01,190 |
| 11. Finance Costs |  |  |
| Debenture Interest Paid |  | 54,000 |
| Add : Debenture Interest Outstanding (18,00,000 *6\% *6/12) |  | 54,000 |
| Total |  | 1,08,000 |
| 12. Depreciation And Amortisation Expenses |  |  |
| a. Depreciation on Premises |  | 40,000 |
| b. Depreciation on Plant and Machinery |  | 90,000 |
| c. Depreciation on Furniture |  | 7,200 |
| d. Preliminary Expenses w/off |  | 6,000 |
| Total |  | 1,43,200 |
| 13. Other Expenses |  |  |
| a. Advertising (Rs. 60,000 + Free Samples Distributed Rs. |  | 75,000 |
| 15,000) |  |  |
| b. Freight Outward |  | 78,690 |
| c. Directors Fees ( $34,350+\mathrm{O} / \mathrm{s} 2,000)$ |  | 36,350 |
| d. Bad Debts | 12,660 |  |
| Add : Provision for Doubtful Debts (New) (23,40,000 * 1\%) | 23,400 |  |
|  | 36,060 |  |
| Less : Provision for Doubtful Debts (Old) | 21,000 | 15,060 |
| e. General Expenses |  | 41,010 |
| Total |  | 2,46,110 |



|  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Date | Particulars | Amount (Rs.) | Date | Particulars | Amount <br> (Rs.) |
|  | To Bank A/c | 32,000 |  | By Equity Share Capital A/c | 4,00,000 |
|  |  |  |  | By 8\% Preference Share Capital A/c | 1,00,000 |
|  | To Capital Reserve $\mathrm{A} / \mathrm{C}$ | 5,18,000 |  | By 9\% Debentures A/c | 50,000 |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  | 5,50,000 |  |  | 5,50,000 |

## Q. No.

Brief answer
Q. 2 B Buyback of shares (Manish Ltd.)

Journal of Manish Ltd.

| Date | Particulars | Dr. Rs. | Cr. Rs. |
| :---: | :---: | :---: | :---: |
| 1 | Equity Share Capital A/c Dr. <br> Premium on Buyback of Eq. Share A/c Dr. <br> To Eq. Shareholders A/c  <br> (Being eq. shares buyback)  | $\begin{aligned} & 80,000 \\ & 16,000 \end{aligned}$ | 96,000 |
| 2 | Profit \& Loss A/c Dr. <br> To Capital Redemption Reserve A/c  <br> (Being CRR created)  | 80,000 | 80,000 |
| 3 | Eq. Shareholders A/c Dr. To Bank A/c (Being payment made to equity shareholders) | 96,000 | 96,000 |
| 4 | Securities Premium A/c <br> To Premium on Buyback of Eq. Share A/c (Being Premium on Buyback of Eq. Share written off) | 16,000 | 16,000 |


| Workings: <br> W.N. 1- Conditions for buyback |  |
| :---: | :---: |
| $25 \%$ of own funds |  |
| Sources of buyback |  |
| Paid up capital |  |
| Equity Sh. Cap. <br> 6\% Preference Sh. Cap. | $\begin{array}{r} 3,20,000 \\ 80,000 \\ \hline \end{array}$ |
| Free reserves |  |
| Profit \& Loss A/c | 1,20,000 |
| Securities Premium | 80,000 |
| Total own funds | $\mathbf{6 , 0 0 , 0 0 0}$ |
| Maximum amount of buyback $=25 \% \times 6,00,000=1,50,000 \ldots \ldots . .(\mathrm{i})$ |  |
| Debt-equity ratio after buyback |  |
| Own funds | 6,00,000 |
| Less: 50\% of 8\% debentures (160000x50\%) | -80,000 |
| Amount after buyback | 5,20,000 |
| Amount after buyback Rs. 5,20,000...... (ii) |  |
| 25\% of equity capital |  |
| $25 \%$ x 320000= Rs. 80,000 $\ldots .$. . (iii) |  |
| Face value of share Rs. 10 each |  |
| No. of shares $=80,000 / 10=8,000$ shares |  |
| Least of (i), (ii), or (iii) |  |
| Rs. 80,000 should be buyback i.e. 8,000 shares at Rs. 12 per share |  |
| Face value of shares buyback Rs. 80,000 |  |
| Premium on buyback Rs. 16,000 |  |
| W. N. 2- Calculation of CRR |  |
| $C R R=$ Face value of buyback- face value of fresh issue of shares |  |


| No | Particulars | Debit | Credit | Marks |
| :---: | :---: | :---: | :---: | :---: |
| 1 | $8 \%$ Preference Share Capital $\mathrm{A} / \mathrm{c}(10)$ Dr $\qquad$ <br> To 8\% Preference Share Capital A/c(6) <br> To Capital Reduction A/c | 4,00,000 | $\begin{aligned} & 2,40,000 \\ & 1,60,000 \end{aligned}$ | 1 |
| 2 | Preference share final call $A / c$. $\qquad$ <br> To 8\% Preference share capital $\mathrm{A} / \mathrm{c}$ | 1,60,000 | 1,60,000 | 1 |
| 3 | Cash \& Bank A/c $\qquad$ Dr To Preference shares Final call | 1,60,000 | 1,60,000 | 1 |
| 4 | Equity Share Capital A/c (Rs.10/-) Dr $\qquad$ <br> To Equity Share Capital A/c (Rs.4/-) <br> To Capital Reduction A/c | 5,00,000 | $\begin{aligned} & 2,00,000 \\ & 3,00,000 \end{aligned}$ | 1 |
| 5 | 7\% Debentures A/c (100) $\qquad$ Dr <br> To 8\% Preference Shares A/c (10) <br> To Capital Reduction A/c | 2,50,000 | $\begin{array}{r} 2,00,000 \\ 50,000 \end{array}$ | 1 |
| 6 | Capital Reduction $\mathrm{A} / \mathrm{c}$. $\qquad$ Dr. <br> To Cash \& Bank A/c | 5,000 | 5,000 | 1 |
| 7 | Cash \& Bank A/c. $\qquad$ Dr. <br> Capital Reduction $\mathrm{A} / \mathrm{c}$. $\qquad$ <br> To Investment $A / c$ | $\begin{aligned} & \hline 50,000 \\ & 10,000 \end{aligned}$ | 60,000 | 1 |
| 8 | Loan from Directors $\mathrm{A} / \mathrm{c}$. $\qquad$ <br> To Cash \& Bank A/c <br> To Capital reduction $\mathrm{A} / \mathrm{c}$ | 30,000 | $\begin{aligned} & 15,000 \\ & 15,000 \end{aligned}$ | 1 |
| 9 | Building A/c $\qquad$ To Capital Reduction $\mathrm{A} / \mathrm{c}$ | 20,000 | 20,000 | 1 |
| 10 | Capital Reduction $\mathrm{A} / \mathrm{c}$. $\qquad$ <br> To Equipments $A / c$ | 10,000 | 10,000 | 1 |
| 11 | Capital Reduction $A / c$. $\qquad$ . Dr <br> To Goodwill A/c <br> To Profit \& Loss A/c | 4,65,000 | $\begin{aligned} & 1,50,000 \\ & 3,15,000 \end{aligned}$ | 1 |
| 12 | Capital reduction $\mathrm{A} / \mathrm{c}$ $\qquad$ <br> To Capital Reserve | 55,000 | 55,000 | 1 |

Capital Reduction A/c
(6 marks)

| Particulars | Bs. | Particulars | Rs |
| :--- | ---: | :--- | ---: |
| To Cash \& Bank | 5,000 | By $8 \%$ Preference Share capital | $1,60,000$ |
| To Investments | 10,000 | By Equity Share Capital | $3,00,000$ |
| To Equipments | 10,000 | By $7 \%$ Debentures | 50,000 |
| To Goodwill | $1,50,000$ | By Loan from Directors | 15,000 |
| To Profit \& Loss | $3,15,000$ | By Building | 20,000 |
| To Capital reserves | 55,000 |  |  |
|  | $5,45,000$ |  | $5,45,000$ |

Notes to Balance Sheet

| No | Particulars | Rs. | Rs. | Marks |
| :--- | :--- | ---: | ---: | :--- |
| 1 | Share Capital |  |  | 2 |
|  | Authorised; |  |  |  |
|  | Issued and Subscribed: |  |  |  |
|  | 50,000 Equity shares of Rs.10 each Rs. 4 paid up |  | $2,00,000$ |  |
|  | $60,0008 \%$ Preference Shares of Rs.10 each fully paid |  | $6,00,000$ |  |
|  | Total |  | $8,00,000$ |  |

## Mahesh Ltd.

Statement of Profit and Loss for the year ended 31st March 2022

| Particulars | Note No | Rs. |
| :---: | :---: | :---: |
| I. Revenue from operations | 1 | 2000000 |
| II. Other Income | 2 | 200000 |
| III. Total Revenue (I +II) |  | 2200000 |
| IV. Expenses: |  |  |
| Cost of materials consumed | 3 | 500000 |
| Changes in inventories of finished goods | 4 | 100000 |
| Employee Benefit expense | 5 | 150000 |
| Finance Costs | 6 | 80000 |
| Depreciation and Amortization expense | 7 | 50000 |
| Other Expenses | 8 | 167000 |
| Total Expenses |  | 1047000 |
| Profit before tax (III - IV) |  | 1153000 |
| Less Provision for Income Tax |  | 253000 |
| Profit after tax |  | 900000 |

Marking Scheme: 8 Note X 1Mark each = 8 Marks
+1 Mark PBT + 1 Mark PAT $=10$ Marks
Notes to Accounts
Particulars
Rs.
1] Revenue from operations

| 2050000 |  |
| :--- | ---: |
| Sales | 50000 |
| Sales Return | 2000000 |

2] Other Income

Interest Received on Fixed Deposits $\quad$| 200000 |
| ---: |

3] Cost of materials consumed
500000

4] Changes in inventories of finished goods
Opening Stock of Finished Goods 200000
Closing Stock of Finished Goods
100000

5] Employee Benefit expense
Salaries and Wages
120000
Staff Welfare Expenses 30000

|  | 150000 |
| :--- | ---: |
| 6] Finance Costs |  |
| Interest on Debentures | 50000 |
| Interest on Loan from SBI | 30000 |
|  | 80000 |
| 7] Depreciation and Amortization expense |  |
| Depreciation on Machinery | 30000 |
| Depreciation on Office Furniture | 20000 |
|  | 50000 |
| 8] Other Expenses |  |
| General Expenses | 5000 |
| Electricity Charges | 12000 |
| Salesman Commission | 15000 |
| Discount Allowed | 5000 |
| Carriage Outward | 6000 |
| Repairs and Maintenance | 25000 |
| Insurance | 20000 |
| Rent | 24000 |
| Audit Fees | 25000 |
| Advertisement Expenses | 30000 |

1 Mark Each

| Date | Particulars | N.V Rs. | Dividend <br> Rs. | Cost Rs. | Date | Particulars | N.V. <br> Rs. | Dividend <br> Rs. |
| :---: | :---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| $01-04-21$ | To Balance b/d | 80,000 |  | 120,000 |  |  |  |  |
| Cost Rs. |  |  |  |  |  |  |  |  |
| $10-04-21$ | To Cash \& Bank | 40,000 | - | 64,000 | $30-09-22$ | By Cash \& Bank A/c | - | 16,000 |
| $05-09-21$ | To Cash \& Bank | 25,000 | - | 37,500 | $31-03-22$ | By Balance $/$ /d | 145,000 | - |
| $31-03-22$ | To Profit \& Loss A/c | - | 16,000 | - |  |  |  | 213,500 |
|  |  | 145,000 | 16,000 | 221,500 |  |  | 145,000 | 16,000 |

Working Note
Working Note


It is Credited to Investment in Equity Shares of Precious Ltd Account to reduce the cost of purchase.

Q4.
In the Books of Mr. Abhay Kumar
Investment in 6\% Government Bonds A/c

| for each entry |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Dr. |  |  |  |  |  |  |  |  |  |  | Cr |
| Date | Particulars | $\begin{array}{\|c\|} \hline \text { Note } \\ \text { No. } \\ \hline \end{array}$ | NV | Interest | Cost | Date | Particulars | $\begin{array}{\|c} \hline \text { Note } \\ \text { No. } \\ \hline \end{array}$ | NV | Interest | Cost |
|  |  |  | Rs. | Rs. | Rs. |  |  |  | Rs. | Rs. | Rs. |
| 01.06.2021 | To Bank A/c | 1 | 100,000 | 1,000 | 90,000 | 01.07.2021 | By Bank A/c | 2 |  | 1,500 | - |
| 01.11.2021 | To Profit \& Loss A/c | 5 | - | - | 500 | 01.10.2021 | By Bank A/c | 3 | - | 1,500 | - |
| 01.12.2021 | To Profit \& Loss A/c | 7 | - | - | 1,000 | 01.11.2021 | By Bank A/c | 4 | 20,000 | 100 | 18,500 |
| 31.03.2022 | To Profit \& Loss A/c |  |  | 4,300 |  | 01.12.2021 | By Bank A/c | 6 | 10,000 | 100 | 10,000 |
|  |  |  |  |  |  | 01.01.2022 | By Bank A/c | 8 |  | 1,050 | - |
|  |  |  |  |  |  | 31.03.2022 | By Profit \& Loss A/c | 10 | - | - | 7,000 |
|  |  |  |  |  |  | 31.03.2022 | By Balance c/d | 9 | 70,000 | 1,050 | 56,000 |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | 100,000 | 5,300 | 91,500 |  |  |  | 100,000 | 5,300 | 91,500 |

Working Note :

| 1 Purchase on 1.06.2021 | (1) |  |
| :---: | :---: | :---: |
| Cum Interest Price $\text { . } 100000 / 100 * 91$ | 91,000 |  |
| Less: Interest | 1,000 |  |
| . $=100000 * 6 \% * 2 / 12$ |  |  |
| Ex Interest Price | 90,000 |  |
| 4 Sale on 01.11.2021 | (1) |  |
| Cum Interest Price 20000/100*93=. | 18,600 |  |
| Less: Interest | 100 |  |
| . $20000 * 6 \% * 1 / 12$ |  |  |
| Ex Interest Price | 18,500 |  |
| 5 Profit/ (Loss) on Sale | (1) |  |
| Sale Value | 18,500 |  |
| Less Weighted Average Cost | 18,000 |  |
| Profit/ (Loss) on Sale | 500 |  |
|  | NV | Cost |
|  | 100,000 | 90,000 |
|  | 20,000 |  |
|  |  | 18000 |
| 8 Interest on 01.01.2022 | 1,050 | $1 / 2$ |
| . $=70000 * 6 \% * 3 / 12$ |  |  |
| 9 Interest on 31.03.2022 | 1,050 | 1/2 |
| . $=70000 * 6 \% * 3 / 12$ |  |  |

Q. $4 \quad$ Buyback of shares (Vasant Ltd.)

Journal of Vasant Ltd.

| Date | Particulars | Dr. Rs. | Cr. Rs. |
| :---: | :---: | :---: | :---: |
| 1 | Equity Share Capital A/c Dr. Premium on Buyback of Eq. Share A/c Dr. <br> To Eq. Shareholders A/c <br> (Being eq. shares buyback) | $\begin{align*} & 12,50,000 \\ & 47,50,000 \end{align*}$ | 60,00,000 |
| 2 | General Reserve A/c <br> To Capital Redemption Reserve A/c <br> (Being CRR created) | 12,50,000 | 12,50,000 |
| 3 | Eq. Shareholders A/c Dr. To Bank A/c (Being payment made to equity shareholders) (Ses | 60,00,000 | 60,00,000 |
| 4 | Securities Premium A/c Dr . <br> General Reserve A/c Dr . <br> Profit \& Loss A/c Dr . <br> To Premium on Buyback of Eq. Share A/c  <br> (Being Premium on Buyback of Eq. Share <br> written off)  | $\begin{array}{\|r} \hline 10,00,000 \\ 9,50,000 \\ 28,00,000 \end{array}$ | 47,50,000 |

.... 1

Amount after buyback Rs. $90,00,000 \ldots \ldots$. (ii)
$25 \%$ of equity capital
$25 \%$ x $50,00,000=$ Rs. $12,50,000$ $\qquad$
Face value of share Rs. 100 each
No. of shares $=12,50,000 / 100=12,500$ shares
Maximum no. of shares that can be bought back at par= $12,50,000 / 100$
12500 shares
Offer price $=60,00,000 / 12500=$ Rs. 480
Face value Rs. 100 per share
Premium on buyback Rs. 380 per share
W. N. 2- Calculation of CRR
$C R R=$ Face value of buyback- face value of fresh issue of shares

Vasant Ltd.
Balance Sheet
As on $31^{\text {st }}$ March, 2022

| EQUITY AND LIABILITIES | W. N | Amt. (Rs) |
| :--- | :---: | ---: |
| (1) Shareholder's Funds |  |  |
| (a) Share capital | 1 | $37,50,000$ |
| (b) Reserves and surplus | 2 | $12,50,000$ |
| (2) Non-Current Liabilities |  |  |
| (a) Long-term borrowings |  | $40,00,000$ |
| (3) Current Liabilities | 4 | $20,00,000$ |
| (a) Short-term borrowings | 5 | $40,00,000$ |
| (b) Trade payables |  |  |
| (A) total outstanding dues of micro enterprises |  |  |
| and small enterprises; and |  | $\mathbf{1 , 5 0 , 0 0 , 0 0 0}$ |
| (B) total outstanding dues of creditors other than |  |  |
| micro enterprises and small enterprises |  |  |
|  | ASSETal |  |
|  |  |  |
| (1) Non-current assets |  |  |
| (a) Property, Plant \& Equipment and Intangible <br> Assets |  |  |
| (i) Property, plant \& equipment |  |  |
| (b) Non-current investments | 8 |  |
| (2) Current assets | 9 | $15,00,000$ |
| (a) Current investments |  |  |
| (b) Inventories | $\mathbf{1 , 5 0 , 0 0 , 0 0 0}$ |  |
| (c) Trade receivables |  |  |
|  |  |  |

Notes forming part of Balance Sheet

| W. N. 1 Share Capital |  |  |
| :--- | ---: | ---: | :---: |
| Authorised Capital |  |  |
| Issued, subscribed \& paid-up capital |  |  |
| Equity Share capital |  |  |
| (37,500 shares of Rs. 100 each) |  |  |$\quad \mathbf{0 . 5}$



