(CA INTERMEDIATE MOCK TEST MAY 2021)
DATE: 17.02.2021
MAXIMUM MARKS: 100
TIMING: 3¼ Hours

## ACCOUNTS

Q. No. 1 is compulsory.

Candidates are required to answer any four questions from the remaining five questions. Wherever necessary suitable assumptions should be made by the candidates. Working notes should form part of the answer.

## Answer 1:

(a)

| Particulars | Rs. |
| :--- | ---: |
| Purchase Price of Land | $\mathbf{3 0 , 0 0 , 0 0 0}$ |
| Stamp Duty \& Legal Fee | $\mathbf{2 , 0 0 , 0 0 0}$ |
| Architect Fee | $\mathbf{2 , 0 0 , 0 0 0}$ |
| Site Preparation | $\mathbf{5 0 , 0 0 0}$ |
| Materials (10,00,000 - Wasted Materials Cost not includible in PPE <br> $2,50,000)$ | $\mathbf{7 , 5 0 , 0 0 0}$ |
| Direct Labour Cost (4,00,000 - Cost of Delay period not includible in <br> PPE 22,000) | $\mathbf{3 , 7 8 , 0 0 0}$ |
| Interest (40,00,000 $\times 8 \% \times 9 / 12)$ (only upto date of completion of <br> construction) | $\mathbf{2 , 4 0 , 0 0 0}$ |
| Total to be capitalized | $\mathbf{4 8 , 1 8 , 0 0 0}$ |

\{8 items
$\times 1 / 2=$
4 M\}

## Answer:

(b) Calculation of Cost of Fixed Asset (i.e. Machinery)

| Particulars |  |  | Rs. |
| :--- | :--- | :--- | ---: |
| Purchase Price |  | Given (Rs. $158,34,000 \times 100 / 112)$ | $\mathbf{1 , 4 1 , 3 7 , 5 0 0}$ |
| Add: | Site Preparation Cost | Given | $\mathbf{1 , 4 1 , 8 7 0}$ |
|  | Technician's Salary | Specific/Attributable overheads for <br> 3 months (See Note) $(45,000 \times 3)$ | $\mathbf{1 , 3 5 , 0 0 0}$ |
|  | Initial Delivery Cost | Transportation | $\mathbf{5 5 , 7 7 0}$ |
|  | Professional Fees for <br> Installation | Architect's Fees |  |
| TotalCost of Asset | $\mathbf{3 0 , 0 0 0}$ |  |  |

Note:
(i) Interest on Bank Overdraft for earlier payment of invoice is not relevant $\}\{\mathbf{3 / 4} \mathbf{~ M \}}$
(ii) Internally booked profits should be eliminated in arriving at the cost of machine. $\}\{\mathbf{3 / 4} \mathbf{~ M}\}$

## Answer:

$\left.\begin{array}{lll}\text { (c) (i) } & \text { Interest paid by financial enterprise Cash flows from operating activities } \\ \text { (ii) } & \text { TDS on interest received from subsidiary company } \\ \text { (iii) } & \text { Cash flows from investing activities } \\ \text { Deposit with bank for a term of two years } \\ \text { (iv) } & \text { Cash flows from investing activities } \\ \text { Insurance claim received against loss of fixed asset by fire } \\ & \text { Extraordinary item to be shown as a separate heading under 'Cash flow from } \\ \text { investing activities' }\end{array}\right\}\{5 \mathbf{M}\}$
(v) Bad debts written off

It is a non-cash item which is adjusted from net profit/loss under indirect method, to $\}$ arrive at net cash flow from operating activity.

## Answer:

(d) As per para 21 of AS 12, 'Accounting for Government Grants', "the amount refundable in respect of a grant related to specific fixed asset should be recorded by reducing the deferred income balance. To the extent the amount refundable exceeds any such deferred credit, the amount should be charged to profit and loss statement. J
(i) In this case the grant refunded is Rs. 15 lakhs and balance in deferred income is Rs. 10.50 lakhs, Rs. 4.50 lakhs shall be charged to the profit and loss account for the year 2017-18. There will be no effect on the cost of the fixed asset and depreciation charged will be on the same basis as charged in the earlier years.
(ii) If the grant was deducted from the cost of the plant in the year 2014-15 then, para 21 of AS 12 states that the amount refundable in respect of grant which relates to specific fixed assets should be recorded by increasing the book value of the assets, by the amount refundable. Where the book value of the asset is increased, depreciation on the revised book value should be provided prospectively over the residual useful life of the asset. Therefore, in this case, the book value of the plant shall be increased by Rs. 15 lakhs. The increased cost of Rs. 15 lakhs of the plant should be amortized over 7 years (residual life). Depreciation charged during the year 2017-18 shall be $(56+15) / 7$ years $=$ Rs. 10.14 lakhs presuming the depreciation is charged on SLM.)

## Answer 2:

(a)

|  |  | Rs. |
| :---: | :---: | :---: |
| (i) | Price of two cars $=$ Rs. $2,00,000 \times 2$ <br> Less: Depreciation for the first year @ 30\% <br> Less: Depreciation for the second year $=$ $2,80,000 \times \frac{30}{100}$ <br> Agreed value of two cars taken back by the hire vendor | 0,000 |
|  |  | 1,20,000 |
|  |  | 2,80,000 |
|  |  | 84,000 |
|  |  | 1,96,000 |
| (ii) | Cash purchase price of one car <br> Less: Depreciation on Rs. 2,00,000 @ $20 \%$ for the first year <br> Written drown value at the end of first year <br> Less: Depreciation on Rs. 1,60,000 @ 20\% for the second year <br> Book value of car left with the hire purchaser | 2,00,000 |
|  |  | 40,000 |
|  |  | 1,60,000 |
|  |  | 32,000 |
|  |  | 1,28,000 |
| (iii) | Book value of one car as calculated in working note (ii) above | 1,28,000 |
|  | Book value of Two cars = Rs. 1,28,000 $\times 2$ | 2,56,000 |
|  | Value at which the two cars were taken back, calculated in working note (i) above | 1,96,000 |
|  | Hence, loss on cars taken back = Rs. 2,56,000 - Rs. 1,96,000 | Rs. 60,000 |
| (iv) | Sale proceeds of cars repossessed <br> Less: Value at which Cars were taken back <br> Rs. 1,96,000 | 1,70,000 |
|  | Repair Rs. Rs. 10,000 | 2,06,000 |
|  | Loss on resale | 36,000 |

Answer
(b)

| Date |  | No. of shares | Dividend | Amount | Date |  | No. of shares | Dividend | Amount |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Rs. | Rs. |  |  |  | Rs. | Rs. |
| 2017 |  |  |  |  | 2018 |  |  |  |  |
| April 1 | To Balance b/d | 4,000 |  | 60,000 | Jan. 20 | By Bank (dividend) |  | 8,000 | 2,000 |
| Sept 1 | To Bank | 1,000 |  | 14,000 | Feb. 1 | By Bank | 4,000 |  | 56,000 |
| Sept. 30 | To Bonus Issue | 2,000 |  |  | Mar. 31 | By Balance c/d | 4,000 |  | 42,250 |
| Dec. 1 | To Bank (Right) | 1,000 |  | 12,500 |  |  |  |  |  |
| 2018 |  |  |  |  |  |  |  |  |  |
| Feb. 1 | To Profit \& Loss A/c |  |  | 13,750 |  |  |  |  |  |
| Mar. 31 | To Profit \& Loss A/c (Dividend income) |  | 8,000 |  |  |  |  |  |  |
|  |  | 8,000 | 8,000 | 1,00,250 |  |  | 8,000 | 8,000 | 1,00,250 |
| April. 1 | To Balance b/d | 4,000 |  | 42,250 |  |  |  |  |  |

## Working Notes:

1. Cost of shares sold - Amount paid for 8,000 shares

|  | Rs. |
| :--- | ---: |
| (Rs. 60,000 + Rs. 14,000 + Rs. 12,500) | 86,500 |
| Less: Dividend on shares purchased on $1^{\text {st }}$ Sept, 2017 | $(2,000)$ |
| Cost of 8,000 shares | 84,500 |
| Cost of 4,000 shares (Average cost basis*) | 42,250 |
| Sale proceeds (4,000 shares @ 14/-) | 56,000 |
| Profit on sale | 13,750 |

*For ascertainment of cost for equity shares sold, average cost basis has been applied.
2. Value of investment at the end of the year

Closing balance will be valued based on lower of cost (Rs. 42,250 ) or net realizable value (Rs. $13 \times 4,000$ ). Thus investment will be valued at Rs. 42,250. $\}$

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3. Calculation of sale of right entitlement

1,000 shares $\times$ Rs. 8 per share $=$ Rs. 8,000
Amount received from sale of rights will be credited to $P$ \& L A/c as per AS 13 'Accounting for Investments'
4. Dividend received on investment held as on $1^{\text {st }}$ April, 2017
$=4,000$ shares $\times$ Rs. $10 \times 20 \%$
$=$ Rs. 8,000 will be transferred to Profit and Loss A/c
Dividend received on shares purchased on $1^{\text {st }}$ Sep. 2017
$=1,000$ shares $\times$ Rs. $10 \times 20 \%=$ Rs. 2,000 will be adjusted to Investment A/c
Note: It is presumed that no dividend is received on bonus shares as bonus shares are declared on $30^{\text {th }}$ Sept., 2017 and dividend pertains to the year $\}$ ended 31.3.2017.

## Answer 3:

(a)

> | Trading and Profit and Loss account |
| :--- |
| for the year ending 31st March, 2017 |

| Particulars | Rs. | Particulars | Rs. |  |
| :---: | :---: | :---: | :---: | :---: |
| To Opening Stock | 40,000 | By Sales | 4,31,250 |  |
| To Purchases (Working Note) | 3,45,000 | By Closing Stock | 40,000 | $\begin{aligned} & 5 \text { Item } \\ & \mathbf{x} 1 / 2 \mathrm{M} \end{aligned}$ |
| To Gross Profit c/d (20\% on sales) | 86,250 |  |  |  |
|  | 4,71,250 |  | 4,71,250 |  |
| To Business Expenses | 50,000 | By Gross Profit b/d | 86,250 |  |
| To Depreciation on: |  |  |  |  |
| $\begin{array}{ll}\text { Machinery } & 6,500\end{array}$ |  |  |  | $\begin{aligned} & 4 \text { Item } \\ & \mathbf{x ~ 1 / 2 ~ M} \end{aligned}$ |
| Building To Net profit | $\begin{aligned} & 11,500 \\ & 24,750 \\ & \hline \end{aligned}$ |  |  |  |
|  | 86,250 |  | 86,250 |  |

Trade Debtors Account

| Particulars | Rs. | Particulars | Rs. |
| :--- | ---: | :--- | ---: |
| To Balance b/d | $\mathbf{5 0 , 0 0 0}$ | By Bank (bal.fig.) | $\mathbf{4 , 0 9 , 3 7 5}$ |
| To Sales | $\mathbf{4 , 3 1 , 2 5 0}$ | By Balance c/d $(1 / 6$ of 4,31,250) | $\mathbf{7 1 , 8 7 5}$ |
|  | $4,81,250$ |  | $4,81,250$ |$\} \mathbf{x ~ I ~ I t e m ~} \mathbf{~ M ~ M ~}$

Trade Creditors Account
$\left.\begin{array}{|l|r|l|r|}\hline \text { Particulars } & \text { Rs. } & \text { Particulars } & \text { Rs. } \\ \hline \text { To Bank (Balancing figure) } & \mathbf{3 , 3 1 , 8 7 5} & \text { By Balancing b/d } & \mathbf{3 0 , 0 0 0} \\ \text { To Balance c/d/ (1/8 of Rs. 3,45,000) } & \mathbf{4 3 , 1 2 5} & \text { By Purchases } & \mathbf{3 , 4 5 , 0 0 0} \\ \hline & 3,75,000 & & 3,75,000 \\ \hline\end{array}\right\}$

## Working Note:

|  |  | Rs. |
| :---: | :---: | :---: |
| (i) | Calculation of Rate of Gross Profit earned during previous year |  |
| A | Sales during previous year (Rs. 50,000 $\times 12 / 2$ ) | 3,00,000 |
| B | Purchases (Rs. 30,000 x 12/1.5) | 2,40,000 |
| C | Cost of Goods Sold (Rs. 40,000 + Rs. 2,40,000 - Rs. 40,000) | 2,40,000 |
| D | Gross Profit (A-C) | 60,000 |
| E | Rate of Gross Profit $\quad \frac{\text { Rs. } 60,000}{\text { Rs. } 3,00,000} \times 100$ | 20\% |
| (ii) | Calculation of sales and Purchases during current year | Rs. |
| A | Cost of goods sold during previous year | 2,40,000 |
| B | Add: Increases in volume @ 25 \% | 60,000 |
|  |  | 3,00,000 |
| C | Add: Increase in cost @ 15\% | 45,000 |
| D | Cost of Goods Sold during Current Year | 3,45,000 |
| E | Add: Gross profit @ $25 \%$ on cost ( $20 \%$ on sales) | 86,250 |
| F | Sales for current year [D+E] | 4,31,250 |

## Answer:

(b)
(1) Ratio of interest and amount due $\left.=\frac{\text { Rate of interest }}{100+\text { Rate of interest }}=\frac{10}{110}=\frac{1}{11}\right\} \mathbf{1} \mathbf{~ M}$
(2) Calculation of Interest and Cash Price

| No. of instalments | Amount due at the time of instalment | Interest | Cash price |
| :---: | :---: | :---: | :---: |
| [1] | [2] | [3] | [4] |
| 3rd | 55,000 | 1/11 of Rs. 55,000 = Rs. 5,000 | 50,000 |
| 2nd | *99,000 | $1 / 11$ of Rs. $99,000=$ Rs. 9,000 | 90,000 |
| 1st | **1,43,000 | $1 / 11$ of Rs. $1,43,000=$ Rs. 13,000 | 1,30,000 |

Total cash price $=$ Rs. 1,30,000+70,000 (down payment) $=$ Rs. 2,00,000.
*Rs. $50,000+2$ nd instalment of Rs. $49,000=$ Rs. 99,000.
** Rs. $90,000+1$ st instalment of Rs. $53,000=$ Rs. $1,43,000$.

1 M
f

Answer 4:
(a)

Cash Flow Statement as per AS 3

| Cash flows from operating activities: |  | Rs. in lacs |  |
| :---: | :---: | :---: | :---: |
| Net profit before tax provision |  | 72,000 |  |
| Add: Non cash expenditures: |  |  |  |
| Depreciation | 48,000 |  |  |
| Loss on sale of assets | 96 |  |  |
| Interest expenditure (non-operating activity) | 24,000 | 72,096 |  |
|  |  | 1,44,096 |  |
| Less: Non cash income |  |  |  |
| Amortisation of capital grant received | (20) |  |  |
| Profit on sale of investments (non-operating income) | (240) |  |  |
| Interest income from investments (non-operating income) | $(6,000)$ | 6,260 |  |
| Operating profit |  | 1,37,836 |  |
| Less: Increase in working capital |  | $(1,34,580)$ |  |
| Cash from operations |  | 3,256 |  |
| Less: Income tax paid |  | $(10,200)$ |  |
| Net cash generated from operating activities |  | $(6,944)$ | $\}\left\{2^{1 / 2} \mathrm{M}\right\}$ |
| Cash flows from investing activities: |  |  |  |
| Sale of assets (444-96) | 348 |  |  |
| Sale of investments ( $66,636+240$ ) | 66,876 |  |  |
| Interest income from investments | 6,000 |  |  |
| Purchase of fixed assets | $(44,184)$ |  |  |
| Expenditure on construction work | $(83,376)$ |  |  |
| Net cash used in investing activities |  | $(54,336)$ | \{ $\left.2^{1 / 2} \mathrm{M}\right\}$ |
| Cash flows from financing activities: |  |  |  |
| Grants for capital projects | 36 |  |  |
| Long term borrowings | 1,11,732 |  |  |
| Interest paid | $(26,084)$ |  |  |
| Dividend paid | $(20,404)$ |  |  |
| Net cash from financing activities |  | 65,280 | \{ $\left.2^{1 / 2} \mathrm{M}\right\}$ |
| Net increase in cash |  | 4,000 |  |
| Add: Cash and bank balance as on 1.4.2018 |  | 12,000 |  |
| Cash and bank balance as on 31.3.2019 |  | 16,000 | $\left\{2^{1 / 2} \mathrm{M}\right\}$ |

## Answer:

(b) Branch Debtors A/c


Goods Sent to Branch A/C

|  | Rs. |  | Rs. |
| :---: | :---: | :---: | :---: |
| To Branch Adjustment A/c $1,00,000 \times \frac{20}{100}$ <br> To Purchases/ Trading A/c | 20,000 | By Branch Stock A/c | 1,20,000 |
|  | 1,00,000 |  |  |
|  | 1,20,000 |  | 1,20,000 |


| Branch Cash A/c |  |  |  |
| :---: | :---: | :---: | :---: |
|  | Rs. |  | Rs. |
| To Branch Debtors A/c | 74,000 | By Branch Expenses A/c | 24,000 |
| To H.O. A/c (cash remittance) | 6,000 | By H.O. (cash remittance) | 86,000 |
| To Branch Stock A/c <br> - Cash Sales (balancing figure) | 34,000 | By Balance c/d | 4,000 |
|  | 1,14,000 |  | 1,14,000 |

Branch Stock A/c

|  | Rs. |  | Rs. |
| :---: | :---: | :---: | :---: |
| To Goods sent to Branch A/c To Branch Adjustment A/c (Excess profit over normal loading -balancing figure) | 1,20,000 | By Branch Debtors A/c | 1,16,000 |
|  | 54,000 | By Branch Cash A/c (Sales) | 34,000 |
|  |  | By Goods in Transit $(1,20,000-1,08,000)$ | 12,000 |
|  | 1,74,000 | By Balance c/d | 12,000 |

Branch Expenses A/c

|  | Rs. | Rs. |  |
| :--- | :---: | :--- | :---: |
| To Branch Cash A/c | 24,000 | By items | Branch P\&L A/c |
| $\mathbf{x} 1 / 4 \mathrm{M}$ |  |  |  |

Branch Adjustment A/c

|  |  | Rs. |  | Rs. | 5 items |
| :---: | :---: | :---: | :---: | :---: | :---: |
| To | Stock Reserve A/C <br> Goods in transit Reserve A/c <br> Branch P\&L A/c (Balancing figure) | 2,000 | By Goods sent to Branch A/C By Branch Stock A/c | 20,000 |  |
| To |  | 2,000 |  | 54,000 |  |
| To |  | 70,000 |  |  |  |
|  |  | 74,000 |  | 74,000 |  |

Branch P \& L A/c

|  | Rs. |  | Rs. |  | $\left\{\begin{array}{l} 4 \text { items } \\ x 1 / 4 \mathrm{M} \end{array}\right.$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| To Branch Expenses A/c <br> To Bad Debts <br> To Net Profit (transferred to General P\&L A/c) | 24,000 | By Branch Adjustment A/c | 70,000 |  |  |
|  | 400 |  |  |  |  |
|  | 45,600 |  |  |  |  |
|  | 70,000 |  | 70,000 |  |  |

## Working Notes:

1. Loading is $20 \%$ of cost i.e. $16.67 \%\left(1 / 6^{\text {th }}\right)$ of invoice value. Loading on closing stock $=1 / 6^{\text {th }}$ of Rs. 12,000$\} \mathbf{1} \mathbf{M}$ =Rs. 2,000.
2. Loading on goods sent to branch $=1 / 6^{\text {th }}$ of Rs. $1,20,000=$ Rs. $\left.20,000.\right\} \mathbf{1} \mathbf{M}$
3. Loading on goods in transit $=1 / 6^{\text {th }}$ of Rs. $12,000=$ Rs. $\left.2,000.\right\} \mathbf{1 / 2} \mathbf{M}$

## Answer 5:

(a) Statement showing calculation of profits for pre and post incorporation periods for the year ended 31.3.20X2

| Particulars | Pre-incorporation <br> period Rs. | Post-incorporation <br> period Rs. |
| :--- | ---: | ---: |
| Gross profit (1:3) | $\mathbf{8 0 , 0 0 0}$ | $\mathbf{2 , 4 0 , 0 0 0}$ |
| Less: Salaries (1:2) | $\mathbf{1 6 , 0 0 0}$ | $\mathbf{3 2 , 0 0 0}$ |
| Stationery (1:2) | $\mathbf{1 , 6 0 0}$ | $\mathbf{3 , 2 0 0}$ |
| Advertisement (1:3) | $\mathbf{4 , 0 0 0}$ | $\mathbf{1 2 , 0 0 0}$ |
| Travelling expenses (W.N.4) | $\mathbf{4 , 0 0 0}$ | $\mathbf{8 , 0 0 0}$ |
| Sales promotion expenses (W.N.4) | $\mathbf{1 , 2 0 0}$ | $\mathbf{3 , 6 0 0}$ |
| Misc. trade expenses (1:2) | $\mathbf{1 2 , 6 0 0}$ | $\mathbf{2 5 , 2 0 0}$ |
| Rent (office building) (W.N.3) | $\mathbf{8 , 0 0 0}$ | $\mathbf{1 8 , 4 0 0}$ |
| Electricity charges (1:2) | $\mathbf{1 , 4 0 0}$ | $\mathbf{2 , 8 0 0}$ |
| Director's fee (post-incorporation) | $\mathbf{8 1 , 2 0 0}$ | $\mathbf{2 , 4 0 0}$ |
| Bad debts (1:3) | $\mathbf{4 , 0 0 0}$ | $\mathbf{1 2 , 0 0 0}$ |
| Selling agents commission (1:3) | $\mathbf{1 , 5 0 0}$ | $\mathbf{4 , 5 0 0}$ |
| Audit fee (1:3) | $\mathbf{2 , 8 0 0}$ | $\mathbf{1 , 0 0 0}$ |
| Debenture interest (post-incorporation) | $\mathbf{1 8 , 9 0 0}$ |  |
| Interest paid to vendor (2:1) (W.N.5) | $\mathbf{6 , 3 0 0}$ | $\mathbf{6 , 6 0 0}$ |
| Selling expenses (1:3) | $\mathbf{1 2 , 0 0 0}$ | - |
| Depreciation on fixed assets (W.N.6) |  | $\mathbf{7 4 , 8 0 0}$ |

34 Item X $1 / 4$ M

## Working Notes:

1. Time Ratio

Time ratio is $1: 2$.
2. Sales ratio

Let the monthly sales for first 6 months (i.e. from 1.4.20X1 to 30.09.20X1) be x Then, sales for 6 months $=6 \mathrm{x}$
Monthly sales for next 6 months (i.e. from 1.10.X1 to 31.3.20X2) $x+\frac{2}{3} x=\frac{5}{3} x$
Then, sales for next 6 months $=\frac{5}{3} x \times 6=10 \times$
Total sales for the year $=6 x+10 x=16 x$
Monthly sales in the pre incorporation period = Rs. 19,20,000/16 = Rs. 1,20,000
Total sales for pre-incorporation period $=$ Rs. 1,20,000 $\times 4=$ Rs. 4,80,000
Total sales for post incorporation period = Rs. 19,20,000 - Rs. 4,80,000 = Rs. 14,40,000
Sales Ratio $=4,80,000: 14,40,000=1: 3$

## 3. Rent

\left.|  |  | Rs. |
| :--- | ---: | ---: |
| Rent for pre-incorporation period (Rs. 2,000 x 4) |  | 8,000 (pre) |
| Rent for post incorporation period | 4,000 |  |
| August,20X1 \& September, 20X1 (Rs. 2,000 x 2) | 14,400 | 18,400 (post) |$\right\} \mathbf{1} \mathbf{~ m}$

4. Travelling expenses and sales promotion expenses
$\left.\begin{array}{|l|r|r|}\hline & \begin{array}{r}\text { Pre } \\ \text { Rs. }\end{array} & \begin{array}{r}\text { Post } \\ \text { Rs. }\end{array} \\ \hline \begin{array}{l}\text { Traveling expenses Rs. 12,000 (i.e. Rs. 16,800- Rs. 4,800) } \\ \text { distributed in Time ratio (1:2) } \\ \text { Sales promotion expenses Rs. 4,800 distributed in Sales ratio (1:3) }\end{array} & 4,000 & 8,000 \\ \hline\end{array}\right\} \mathbf{1 , 2 0 0} \mathbf{3 , 6 0 0} \mathbf{1}$
5. Interest paid to vendor till $30^{\text {th }}$ September, $20 \times 1$

|  | Pre Rs. | Post Rs. |
| :--- | ---: | ---: |
| Interest for pre-incorporation period $\left(\frac{R s .4,200}{6} \times 4\right)$ | 2,800 |  |
| Interest for post incorporation period i.e. for |  |  |
| August, 20X1 \& September, 20×1 $\left(\frac{R s .4,200}{6} \times 2\right)$ | $\mathbf{1} \mathbf{M}$ |  |

## 6. Depreciation



## Answer:

(b)

## In the books of C Limited

 Journal Entries| Date | Particulars |  | Dr. (Rs.) | Cr. (Rs.) |
| :---: | :--- | :--- | :--- | :--- |
|  | Bank A/c <br> To Equity Share Capital A/c <br> (Being the issue of 25,000 equity shares of Rs. 10 <br> each at par as per Board's resolution No......dated....) |  | Dr. | $2,50,000$ |

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Answer 6:
(a) Departmental Trading Account for the year ended 31st March, 20X1

| Particulars | A | B | C | Particulars | A | B | C |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Rs. | Rs. | Rs. |  | Rs. | Rs. | Rs. |
| To Opening Stock (W.N.4) | 14,400 | 10,800 | 30,000 | $\begin{aligned} & \text { By Sales } \\ & \text { A-5,200×40 } \\ & \text { B-9, } 800 \times 45 \\ & \text { C-15,300×50 } \end{aligned}$ | 2,08,000 | 4,41,000 | 7,65,000 |
| To Purchases (W.N.2) | 1,20,000 | 2,70,000 | 4,50,000 | $\begin{aligned} & \text { By Closing Stock } \\ & \text { (W.N.4) } \end{aligned}$ | 9,600 | 16,200 | 21,000 |
| To Gross Profit (b.f.) | 83,200 | $\begin{array}{r} 1,76,400 \\ \{\mathbf{1} \mathbf{~ M \}} \end{array}$ | 3,06,000 |  |  |  |  |
|  | 2,17,600 | 4,57,200 | 7,86,000 |  | 2,17,600 | 4,57,200 | 7,86,000 |

## Working Notes :

## (1) Profit Margin Ratio

| Selling price of units purchased : | Rs. |
| :--- | ---: |
| Department A (5,000 units x Rs. 40) | $2,00,000$ |
| Department B (10,000 units x Rs. 45) | $4,50,000$ |
| Department C (15,000 units x Rs. 50) | $\underline{7,50,000}$ |
| Total selling price of purchased units | $(8,00,000$ |
| Less: Purchases | $\underline{5,60,000})$ |
| Gross profit |  |

Profit margin ratio $\left.=\frac{\text { Gross profit }}{\text { Selling price }} \times 100=\frac{5,60,000}{14,00,000} \times 100=40 \%\right\}\{\mathbf{1} \mathbf{~ M}\}$
(2) Statement showing department-wise per unit cost and purchase cost

| Particulars | A | B | C |
| :--- | ---: | ---: | ---: |
| Selling price per unit (Rs.) | 40 | 45 | 50 |
| Less: Profit margin @ 40\% (Rs.) Profit | $(16)$ | $(18)$ | $(20)$ |
| margin is uniform for all depts. |  |  |  |
| Purchase price per unit (Rs.) | 24 | 27 | 30 |
| No. of units purchased | 5,000 | 10,000 | 15,000 |
| Purchases (purchase cost per unit $\times$ units purchased) | $1,20,000$ | $2,70,000$ | $4,50,000$ |

(3) Statement showing calculation of department-wise Opening Stock (in units)

| Particulars | A | B | C |
| :--- | ---: | ---: | ---: |
| Sales (Units) | 5,200 | 9,800 | 15,300 |
| Add: Closing Stock (Units) | 400 | 600 | 700 |
|  | 5,600 | 10,400 | 16,000 |
| Less: Purchases (Units) | $(5,000)$ | $(10,000)$ | $(15,000)$ |
| Opening Stock (Units) | 600 | 400 | 1,000 |

(4) Statement showing department-wise cost of Opening and Closing Stock

|  | A | B | C |
| :--- | ---: | ---: | ---: |
| Cost of Opening Stock (Rs.) | $600 \times 24$ | $400 \times 27$ | $1,000 \times 30$ |
|  | 14,400 | 10,800 | 30,000 |
| Cost of Closing Stock (Rs.) | $400 \times 24$ | $600 \times 27$ | $700 \times 30$ |
|  | 9,600 | 16,200 | 21,000 |

## Answer:

(b) Investments by a holding company in the shares of its subsidiary company are normally considered as long term investments. Indian holding companies show investment in subsidiary just like any other investment and generally classify it as trade investment. As per AS 13 'Accounting for Investments', investments are classified as long term and current investments. A current investment is an investment that by its nature is readily realizable and is intended to be held for not more than one year from the date of acquisition. A long term investment is one that is not a current one. Costs of investment include besides acquisition charges, expenses such as brokerage, fees and duties. If an investment is acquired wholly or partly by an issue of shares or other securities, the acquisition cost is determined by taking the fair value of the shares/securities issued. If an investment were to be acquired in exchange - part or whole - for another asset, the acquisition cost of the investment is determined with reference to the value of the other asset exchanged. Dividends received out of income earned by a subsidiary before the acquisition of the shares by the holding company and not treated as income but treated as recovery of cost of the assets (investment made in the subsidiary). The carrying cost for current investment is the lower of cost or fair/market value whereas investment in the shares of the subsidiary (treated as long term) is carried normally at cost.

## Answer:

(c)

|  | Integral Foreign Operation | Non-Integral Foreign Operation (NFO) |
| :---: | :---: | :---: |
| Meaning | It is a foreign operation, the activities of which are an integral part of those of the reporting enterprise. | It is a foreign operation that is not an integral Foreign Operation. |
| Business | The business of IFO is carried on as if it were an extension of the reporting enterprise's operations. | The business of NFO is carried on in a substantially independent manner by accumulating cash and other monetary items, incurring expenses, generating income and arranging borrowings, in its local currency. |
| Example | Sale of goods imported from the reporting enterprise and remittance of proceeds to the reporting enterprise. | Production in a foreign country out of resources available in such nation independent of the reporting enterprise. |
| Currencies operated | Generally, IFO carries on business in a single foreign currency, i.e. of the country where it is located. | NFO business may also enter into transactions in foreign currencies, including transactions in the reporting currency. |
| Cash flows from operations | Cash flows from operations of the reporting enterprise are directly and immediately affected by a change in the exchange rate between the reporting currency and the currency in the country of IFO. | Change in the exchange rate between the reporting currency and the local currency, has little or no direct effect on the present and future Cash Flows from Operations of either the NFO or the reporting enterprise. |
| Effect of Change in Exchange Rate | Change in the exchange rate affects the individual monetary items held by the IFO rather than the reporting enterprise's Net Investment in the IFO. | Change in the exchange rate affects the reporting enterprise's net investment in the NFO rather than the individual monetary and nonmonetary items held by that NFO. |

## Answer:

(d) (i)

Valuation of stock as on 31.3.2014 when general selling price is Rs. 49 each : Value 3,000 units at Rs. 45 each (lower of cost and net realizable value). Value remaining 2,000 units at Rs. 49 each (lower of cost and net realizable value).

| Units | Cost | NRV | Lower of Cost and NRV | Valuation |
| :---: | :---: | :---: | :---: | ---: |
| 1 | 2 | 3 | 4 | $5=1 \times 4$ |
| 3000 | 50 | 45 | 45 | 135000 |
| 2000 | 50 | 49 | 49 | 98000 |
|  |  |  |  | 233000 |

(ii) Valuation of stock as on 31.3.2014 when general selling price is Rs. 52 each:

| Units | Cost | NRV | Lower of Cost and NRV | Valuation |
| :---: | :---: | :---: | :---: | ---: |
| 1 | 2 | 3 | 4 | $5=1 \times 4$ |
| 3000 | 50 | 45 | 45 | 135000 |
| 2000 | 50 | 52 | 50 | 100000 |
|  |  |  |  | 235000 |

Valuation of stock should be Rs. 2,35,000.

INTERMEDIATE - MOCK TEST

## Answer:

(e) (a) (1) Users of financial statements:

Investors, Employees, Lenders, Supplies/Creditors, Customers, $\}\{\mathbf{1} \mathbf{~ M}\}$
Government \& Public
 Understandability, Relevance, Comparability, Reliability \& Faithful \}\{1 M\}
Representation
(3) Elements of Financial Statements:

Asset, Liability, Equity, Income/Gain and Expense/Loss $\}\{\mathbf{1} \mathbf{M}\}$
(b) Fundamental Accounting Assumptions:]

Accrual, Going Concern and Consistency
\{2 M \}
$\qquad$

