## MOCK TEST PAPER 2

## INTERMEDIATE : GROUP -I

## PAPER-1: ACCOUNTING


#### Abstract

ANSWERS 1. (a) Constructing or acquiring a new asset may result in incremental costs that would have been avoided if the asset had not been constructed or acquired. These costs are not be included in the cost of the asset if they are not directly attributable to bringing the asset to the location and condition necessary for it to be capable of operating in the manner intended by management. The costs to be incurred by the company are in the nature of costs of reducing or reorganizing the operations of the company. These costs do not meet that requirement of AS 10 "Property, Plant and Equipment" and cannot, therefore, be capitalized. (b) As per AS 12 'Accounting for Government Grants,' income from Deferred Grant Account is allocated to Profit and Loss account usually over the periods and in the proportions in which depreciation on related assets is charged. Accordingly, in the first two years (₹ 32 lakhs $/ 4$ years) = ₹ 8 lakhs $x 2$ years= ₹ 16 lakhs will be credited to Profit and Loss Account and ₹ 16 lakhs will be the balance of Deferred Grant Account after two years. Therefore, on refund of grant, following entry will be passed:


|  |  | ₹ lakhs | ₹ lakhs |
| :--- | :--- | ---: | ---: |
| Deferred Grant A/c | Dr. | 16 |  |
| Profit \& Loss A/c | Dr. | 16 |  |
| To Bank A/c |  |  | 32 |
| (Being Government grant refunded) |  |  |  |

1. Value of Fixed Assets after two years but before refund of grant

Fixed assets initially recorded in the books = ₹ 80 lakhs
Depreciation for each year $=(₹ 80$ lakhs $-₹ 8$ lakhs)/4 years $=₹ 18$ lakhs per year
Book value of fixed assets after two years = ₹ 80 lakhs - (₹ 18 lakhs $\times 2$ years) = ₹ 44 lakhs
2. Value of Fixed Assets after refund of grant

On refund of grant the balance of deferred grant account will become nil. The fixed assets will continue to be shown in the books at ₹ 44 lakhs.

## 3. Amount of depreciation for remaining two years

Depreciation will continue to be charged at ₹ 18 lakhs per annum for the remaining two years.
(c) As per AS 2 (Revised), abnormal amounts of wasted materials, labour and other production costs are excluded from cost of inventories and such costs are recognized as expenses in the period in which they are incurred.

In this case, normal waste is 250 MT and abnormal waste is 50 MT . The cost of 250 MT will be included in determining the cost of inventories (finished goods) at the year end. The cost of abnormal waste ( $50 \mathrm{MT} \times 1,052.6315=₹ 52,632$ ) will be charged to the profit and loss statement.
Cost per MT (Normal Quantity of 4,750 MT) $=50,00,000 / 4,750=₹ 1,052.6315$
Total value of inventory $=4,700$ MT $x ₹ 1,052.6315=₹ 49,47,368$.
(d) The decision of making provision for non-moving inventories on the basis of technical evaluation does not amount to change in accounting policy. Accounting policy of a company may require that provision for non-moving inventories should be made but the basis for making provision will not constitute accounting policy. The method of estimating the amount of provision may be changed in case a more prudent estimate can be made.

In the given case, considering the total value of inventory, the change in the amount of required provision of non-moving inventory from ₹ 4 lakhs to ₹ 3 lakhs is also not material. The disclosure can be made for such change in the following lines by way of notes to the accounts in the annual accounts of HIL Ltd. for the year 2019-20 in the following manner:
"The company has provided for non-moving inventories on the basis of technical evaluation unlike preceding years. Had the same method been followed as in the previous year, the profit for the year and the value of net assets at the end of the year would have been lower by ₹ 1 lakh."
2. (a) Investment Account for the year ending on 31st December, 2020

Scrip : 8\% Convertible Debentures in C Ltd.
[Interest Payable on $31^{\text {st }}$ March and 30 ${ }^{\text {th }}$ September]

| Date | Particulars | Nominal value ₹ | Interest ₹ | Cost ₹ | Date | Particulars | Nominal Value (₹) | Interest (₹ | Cost (₹) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1.4.20 | To Bank A/c | 2,00,000 | - | 2,16,000 | 30.09.20 | By Bank A/c | - | 12,000 |  |
| 1.7.20 | To Bank A/c (W.N.1) | 1,00,000 | 2,000 | 1,10,000 |  | $\begin{aligned} & {[₹ 3,00,000 \times 8 \% \times} \\ & (6 / 12] \end{aligned}$ |  |  |  |
| 31.12.20 | To P \& L A/c |  | 14,033 | - | 1.10.20 | By Bank A/c | 80,000 |  | 84,000 |
|  | [Interest] |  |  |  | 1.10.20 | By P \& L A/c (loss) <br> (W.N.3) |  |  | 2,933 |
|  |  |  |  |  | 1.12.20 | $\begin{aligned} & \begin{array}{l} \text { By Bank } \quad \text { A/c } \\ \text { (Accrued } \\ \quad \text { interest) } \\ \\ \text { (₹ } 55,000 \times \\ 2 / 12) \end{array} \\ & 28 \end{aligned}$ |  | 733 |  |
|  |  |  |  |  | 1.12.20 | By Equity shares in C Ltd. (W.N. 3 and 4) | 55,000 |  | 59,767 |
|  |  |  |  |  | 31.12 .20 | By Balance c/d (W.N.5) | 1,65,000 | 3,300 | 1,79,300 |
|  |  | 3,00,000 | 16,033 | 3,26,000 |  |  | 3,00,000 | 16,033 | 3,26,000 |

SCRIP: Equity Shares in C LTD.

| Date | Particulars | Cost $(₹)$ | Date | Particulars | $\operatorname{Cost}(₹)$ |
| :--- | :--- | ---: | :--- | :--- | ---: |
| 1.12 .20 | To $8 \%$ debentures | $\underline{59,767}$ | 31.12 .20 | By balance c/d | $\underline{59,767}$ |

## Working Notes:

(i) Cost of Debenture purchased on 1 st July $=₹ 1,12,000-₹ 2,000$ (Interest) $=₹ 1,10,000$
(ii) Cost of Debentures sold on $1^{\text {st }}$ Oct.

$$
=(₹ 2,16,000+₹ 1,10,000) x \quad 80,000 / 3,00,000 \quad=₹ 86,933
$$

(iii) Loss on sale of Debentures = ₹ $86,933-₹ 84,000$
= ₹2,933

Nominal value of debentures converted into equity shares

$$
=₹ 55,000
$$

[(₹ $3,00,000-80,000)$ x.25]
Interest received before the conversion of debentures
Interest on $25 \%$ of total debentures $=55,000 \times 8 \% \times 2 / 12=733$
(iv) Cost of Debentures converted $=(₹ 2,16,000+₹ 1,10,000) \times 55,000 / 3,00,000$ = ₹ 59,767
(v) Cost of closing balance of Debentures $=(₹ 2,16,000+₹ 1,10,000) \times 1,65,000 / 3,00,000$ = ₹ $1,79,300$
(vii) Closing balance of Debentures has been valued at cost.
(viii) 5,000 equity Shares in C Ltd. will be valued at cost of ₹ 59,767 being lower than the market value ₹ 75,000 ( $₹ 15 \times 5,000$ )
Note: It is assumed that interest on debentures, which are converted into cash, has been received at the time of conversion.
(b)

Computation of claim for loss of stock

|  | $₹$ |
| :--- | ---: |
| Stock on the date of fire (i.e. on 1.10.2021) | $3,75,000$ |
| Less: Stock salvaged | $\underline{(50,000)}$ |
| Stock destroyed by fire (Loss of stock) | $\underline{3,25,000}$ |

Insurance claim amount= ₹ $3,25,000$
(Average clause is not applicable as insurance policy amount (₹ $5,00,000$ ) is more than the value of closing stock ie. ₹ $3,75,000$ )

Memorandum Trading A/c
(1.4.21 to 30.9.21)

| Particulars | (₹) | Particulars | (₹) |
| :--- | ---: | :--- | ---: |
| To Opening stock | $3,50,000$ | By Sales | $25,68,000$ |
| To Purchases | $19,75,000$ | By Goods with customers* <br> (for approval) (W.N.1) | 99,000 |
| ₹ $18,75,000+₹ 1,00,000$ ) | 35,000 | By Closing stock (bal. fig.) | $3,75,000$ |
| To Carriage inward | 40,000 |  |  |
| To Wages | $\underline{6,42,000}$ |  |  |
| To Gross profit | $\underline{30,42,000}$ |  | $\underline{30,42,000}$ |

* For financial statement purposes, this would form part of closing stock (since there is no sale). However, this has been shown separately for computation of claim for loss of stock since the goods were physically not with the entity and, hence, there was no loss of such stock.


## Working Notes:

1. Calculation of goods with customers

Since no approval for sale has been received for the goods of $₹ 1,32,000$ (i.e. $2 / 3$ of ₹ $1,98,000$ ) hence, these should be valued at cost i.e. ₹ $1,32,000-25 \%$ of ₹ $1,32,000=$ ₹ 99,000 .
2. Calculation of actual sales

Total sales - Goods not dispatched- Sale of goods on approval ( $2 / 3^{r d}$ )= Sales (₹ $27,75,000-75,000-₹ 1,32,000$ ) = ₹ $25,68,000$
(c) Statement showing differences between Hire Purchase and Installment System

|  | Basis of Distinction | Hire Purchase | Installment System |
| :--- | :--- | :--- | :--- |
| 1. | Governing Act | It is governed by Hire Purchase <br> Act,1972. | It is governed by the Sale of <br> Goods Act, 1930. |


| 2. | Nature of Contract | It is an agreement of hiring. | It is an agreement of sale. |
| :---: | :---: | :---: | :---: |
| 3. | Passing of Title (ownership) | The title to goods passes on last payment. | The title to goods passes immediately as in the case of usual sale. |
| 4. | Right to Return goods | The hirer may return goods without further payment except for accrued installments. | Unless seller defaults, goods are not returnable. |
| 5. | Seller's right to repossess | The seller may take possession of the goods if hirer is in default. | The seller can sue for price if the buyer is in default. He cannot take possession of the goods. |
| 6. | Right of Disposal | Hirer cannot hire out, sell, pledge or assign entitling transferee to retain possession as against the hire vendor. | The buyer may dispose off the goods and give good title to the bonafide purchaser. |
| 7. | Responsibility for Risk of Loss | The hirer is not responsible for risk of loss of goods if he has taken reasonable precaution because the ownership has not yet transferred. | The buyer is responsible for risk of loss of goods because of the ownership has transferred. |
| 8. | Name of Parties involved | The parties involved are called Hirer and Hire vendor. | The parties involved are called buyer and seller. |
| 9. | Component other than cash price. | Component other than Cash Price included in installment is called Hire charges. | Component other than Cash Price included in Installment is called Interest. |

Note: Any four differences may form part of the answer.
3. (a)

Trial Balance of London Branch as on 31 ${ }^{\text {st }}$ March, 2021

| Particulars | U.K. <br> Pound | Rate Per <br> U.K. Pound | Dr. (₹) | Cr. (₹) |
| :--- | ---: | ---: | ---: | ---: |
| Fixed Assets | 24,000 | 70 | $16,80,000$ |  |
| Stock (as on 1st April, 2020) | 11,200 | 76 | $8,51,200$ |  |
| Goods from Head Office | 64,000 | - | $49,26,000$ |  |
| Sales | 96,000 | 75 |  | $72,00,000$ |
| Purchases | 12,000 | 75 | $9,00,000$ |  |
| Expenses (4,800 + 400-200) | 5,000 | 75 | $3,75,000$ |  |
| Debtors | 4,800 | 77 | $3,69,600$ |  |
| Creditors | 3,200 | 77 |  | $2,46,400$ |
| Outstanding Expenses | 400 | 77 |  | 30,800 |
| Prepaid expenses | 200 | 77 | 15,400 |  |
| Cash at Bank | 1,200 | 77 | 92,400 |  |
| Head office Account |  | - |  | $17,20,000$ |
| Difference in Exchange |  |  | $\underline{12,400}$ |  |
|  |  |  | $\underline{92,09,600}$ | $\underline{92,09,600}$ |

Closing stock will be $(8,000 \times 77)=₹ 6,16,000$

## Trading and Profit \& Loss A/c

 for the year ended $31{ }^{\text {st }}$ March, 2021|  | Particulars | Amount (₹) |  | Particulars | Amount (₹) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| To | Opening Stock | 8,51,200 | By | Sales | 72,00,000 |
| To | Purchases | 9,00,000 | By | Closing Stock | 6,16,000 |
| To | Goods from H.O. | 49,26,000 |  |  |  |
| To | Gross Profit | 11,38,800 |  |  |  |
|  |  | 78,16,000 |  |  | $\underline{78,16,000}$ |
| To | Expenses | 3,75,000 | By | Gross Profit | 11,38,800 |
| To | Depreciation | 1,68,000 | By | Profit due to Exchange difference | 12,400 |
| To | Net Profit | 6,08,200 |  |  |  |
|  |  | 11,51,200 |  |  | 11,51,200 |

## Working Note:

Since London Branch is an integral foreign operation. Hence, (1) Fixed assets (cost and depreciation) are translated using the exchange rate at the date of purchase of the assets. (2) Exchange difference arising on translation of the financial statement is charged to Profit and Loss Account.
(b)

Trading and Profit and Loss Account of Archana Enterprises
for the year ended 31st March, 2021

|  | ₹ |  |  | ₹ |
| :---: | :---: | :---: | :---: | :---: |
| To Opening Stock | 9,15,000 | By Sales |  |  |
| To Purchases (W.N. 2) | 125,97,000 | Cash | 110,70,000 |  |
| To Gross profit c/d | 13,93,000 | Credit (W.N. 1) | 28,60,000 | 139,30,000 |
| (10\% of 139,30,000) |  | By Closing stock |  | 9,75,000 |
|  | 149,05,000 |  |  | 149,05,000 |
| To Sundry expenses (W.N. 4) | 9,18,750 | By Gross profit b/d |  | 13,93,000 |
| To Discount allowed | 54,000 | By Beceived |  | 42,500 |
| $\begin{array}{ll}\text { To } & \text { Depreciation } \\ & (15 \% \text { ₹ } 1,50,000)\end{array}$ | 22,500 |  |  |  |
| To Net Profit (b.f.) | 4,40,250 |  |  |  |
|  | 14,35,500 |  |  | 14,35,500 |

Balance Sheet of Archana Enterprises as at 31st March, 2021

| Liabilities |  | Amount <br> $₹$ | Assets |  | Amount <br> $₹$ |
| :--- | ---: | ---: | :--- | :--- | ---: |
|  |  |  | Furniture \& Fittings | $1,50,000$ |  |
| Capital |  |  | Less: Depreciation | $\underline{(22,500)}$ | $1,27,500$ |
| Opening balance | $6,75,000$ |  | Stock |  | $9,75,000$ |
| Less: Drawing | $(3,60,000)$ |  | Trade Debtors |  | $3,43,000$ |
|  |  | $3,15,000$ |  |  |  |


| Add: Net profit for the years | 4,40,250 | 7,55,250 | Unexpired insurance | 3,000 |
| :---: | :---: | :---: | :---: | :---: |
| Trade creditors (W.N. 3) |  | 8,29,000 | Cash in hand \& at bank | 1,90,950 |
| Outstanding |  | 55,200 |  |  |
|  |  | 16,39,450 |  | 16,39,450 |

## Working Notes:

1. 

Trade Debtors Account

|  | $₹$ |  | $₹$ |
| :---: | ---: | :--- | ---: |
| To Balance b/d | $3,12,000$ | By Cash/Bank | $27,75,000$ |
| To Credit sales | $28,60,000$ | By Discount allowed | 54,000 |
|  |  | By Balance c/d | $3,43,000$ |
| (Bal. fig.) | $31,72,000$ |  | $31,72,000$ |
|  |  |  |  |

2. 

Memorandum Trading Account

|  | $₹$ |  | $₹$ |
| :--- | ---: | :--- | ---: |
| To Opening stock | $9,15,000$ | By Sales | $139,30,000$ |
| To Purchases (Balancing figure) | $125,97,000$ | By Closing stock | $9,75,000$ |
| To Gross Profit (10\% on sales) | $13,93,000$ |  |  |
|  | $149,05,000$ |  | $149,05,000$ |

3. 

Trade Creditors Account
$\left.\begin{array}{|l|r|l|r|}\hline & ₹ & & ₹ \\ \hline \text { To Cash/Bank } & 124,83,000 & \text { By Balance b/d } & 7,57,500 \\ \text { To Discount received } & 42,500 & \begin{array}{l}\text { By Purchases (as calculated } \\ \text { To Balance c/d } \\ \text { (balancing figure) }\end{array} & 8,29,000\end{array}\right) 125,97,000$
4. Computation of sundry expenses to be charged to Profit \& Loss A/c

|  | $₹$ |
| :--- | ---: |
| Sundry expenses paid (as per cash and Bank book) | $9,31,050$ |
| Add: Prepaid expenses as on 31-3-2020 | 3,000 |
|  | $9,34,050$ |
| Less: Outstanding expenses as on 31-3-2020 | $(67,500)$ |
| Add: Outstanding expenses as on 31-3-2021 | $8,66,550$ |
|  | $\mathbf{5 5 , 2 0 0}$ |
|  | $9,21,750$ |

Less: Prepaid expenses as on 31-3-2021 (Insurance paid till July, 2021) ( $9,000 \times 4 / 12$ )
4. (a) Calculation of Departmental Results (Actual Gross Profit)

|  | A (₹) | $\mathbf{B}(₹)$ | $\mathbf{C}(₹)$ |
| :--- | ---: | ---: | ---: |
| Actual Sales | $1,72,500$ | $1,59,400$ | 74,600 |
| Add back: Discount (Refer W.N.) | $\underline{2,500}$ | $\underline{600}$ | $\underline{400}$ |
| Normal sales | $\frac{1,75,000}{20 \%}$ | $\frac{1,60,000}{25 \%}$ | $\underline{75,000}$ |
| Gross profit \% on normal sales | $35.33 \%$ |  |  |
| Normal gross profit | $\underline{25,000}$ | 40,000 | 25,000 |
| Less: Discount | $\underline{(2,500)}$ | $\underline{(600)}$ | $\underline{(400)}$ |
| Actual gross profit | $\underline{39,400}$ | $\underline{24,600}$ |  |

Computation of value of stock as on 31st Dec. 2020

| Departments | A | B | C |
| :--- | ---: | ---: | ---: |
| ₹ | $\bar{₹}$ | $\bar{₹}$ |  |
| Stock (on 1.1. 2020) | 24,000 | 36,000 | 12,000 |
| Add: Purchases | $1,46,000$ | $\underline{1,24,000}$ | $\underline{48,000}$ |
|  | $1,70,000$ | $1,60,000$ | 60,000 |
| Add: Actual gross profit | $\underline{32,500}$ | $\frac{39,400}{24,600}$ |  |
|  | $2,02,500$ | $1,99,400$ | 84,600 |
| Less: Actual Sales | $\underline{(1,72,500)}$ | $\underline{(1,59,400)}$ | $\underline{(74,600)}$ |
| Closing stock as on 31.12.2020 (bal.fig.) | $\underline{30,000}$ | $\underline{40,000}$ | $\underline{10,000}$ |

## Working Note:

## Calculation of discount on sales:

| Departments | A | B | C |
| :--- | ---: | ---: | ---: |
|  | $\mathbf{₹}$ | $\mathbf{₹}$ | $\mathbf{₹}$ |
| Sales at normal price | 10,000 | 3,000 | 1,000 |
| Less: Sales at actual price | $\underline{(7,500)}$ | $\underline{(2,400)}$ | $\underline{(600)}$ |
|  | $\underline{2,500}$ | $\underline{600}$ | $\underline{400}$ |

(b)

Journal Entries

| Date | Particulars |  | Amount Dr. | Amount Cr \% |
| :---: | :---: | :---: | :---: | :---: |
| 1.5.2020 | Bank A/c <br> To Debenture Application A/c <br> (Application money received on 1,50,000 debentures @ ₹ 100 each) | Dr. | 1,50,00,000 | 1,50,00,000 |
| 1.6.2020 | Debenture Application A/c Underwriters A/c | $\begin{gathered} \mathrm{Dr} \\ \mathrm{Dr} . \end{gathered}$ | $\begin{array}{r} 1,50,00,000 \\ 50,00,000 \end{array}$ |  |



## Working Note:

Calculation of Debenture Interest for the half year ended 31st March, 2021:

$$
\begin{array}{ll}
\text { On ₹ } 80,00,000 \text { for } 6 \text { months @ } 15 \% & =₹ 6,00,000 \\
\text { On ₹ } 1,20,00,000 \text { for } 1 \text { months @ } 15 \% & =₹ 1,50,000 \\
\hline
\end{array}
$$

(c)

Journal Entries

|  |  |  | $₹$ | $₹$ |
| :--- | :--- | ---: | ---: | ---: |
| 1-4-2021 | Equity share final call A/c <br> To Equity share capital A/c <br> (For final calls of ₹ 2 per share on 2,70,000 equity shares <br> due as per Board's Resolution dated....) | Dr. | $5,40,000$ | $5,40,000$ |
|  | Bank A/c | Dr. | $5,40,000$ | $5,50,000$ |


| (For final call money on 2,70,000 equity shares received) |  | 75,000 | 6,75,000 |
| :---: | :---: | :---: | :---: |
| Securities Premium A/c | Dr. |  |  |
| Capital redemption reserve A/c | Dr. | 1,20,000 |  |
| General Reserve A/c | Dr. | 3,60,000 |  |
| Profit and Loss A/c (b.f.) | Dr. | 1,20,000 |  |
| To Bonus to shareholders A/c | Dr. | 6,75,000 |  |
| (For making provision for bonus issue of one share for every four shares held) |  |  |  |
| Bonus to shareholders A/c |  |  |  |
| To Equity share capital A/c |  |  | 6,75,000 |
| (For issue of bonus shares) |  |  |  |

5. (a) Balance Sheet of Mehar Ltd. as at $31^{\text {st }}$ March, 2020

|  |  | Note | $₹$ |
| :---: | :---: | :---: | :---: |
| I | EQUITY AND LIABILITIES: |  |  |
| (1) | (a) Share Capital | 1 | 1,60,00,000 |
|  | (b) Reserves and Surplus | 2 | 110,68,000 |
| (2) | Non-current Liabilities |  |  |
|  | Long term Borrowings- <br> Terms Loans (Secured) |  | 40,00,000 |
| (3) | Current Liabilities |  |  |
|  | (a) Trade Payables |  | 45,80,000 |
|  | (b) Other current liabilities | 3 | 8,00,000 |
|  | (c) Short-term Provisions (Provision for taxation) |  | 10,20,000 |
|  | Total |  | 3,74,68,000 |
| II | ASSETS |  |  |
| (1) | Non-current Assets |  |  |
|  | (a) Property, Plant and Equipment | 4 | 214,00,000 |
|  | (b) Non- current Investments |  | 9,00,000 |
| (2) | Current Assets: |  |  |
|  | (a) Inventories | 5 | 48,00,000 |
|  | (b) Trade Receivables | 6 | 48,20,000 |
|  | (c) Cash and Cash Equivalents |  | 38,40,000 |
|  | (d) Short-term Loans and Advances | 7 | 17,08,000 |
|  | Total |  | 3,74,68,000 |

## Notes to accounts

|  |  |  | (₹) |
| :--- | :--- | ---: | ---: |
| 1. | Share Capital |  |  |
|  | Authorized, issued, subscribed \& called up |  |  |
|  | $1,20,000$, Equity Shares of ₹ 100 each | $1,20,00,000$ |  |
|  | $40,00010 \%$ Redeemable Preference Shares of 100 each | $\underline{40,00,000}$ | $\underline{1,60,00,000}$ |

2. Reserves and Surplus

Securities Premium Account

| $19,00,000$ |  |
| ---: | ---: |
| $62,00,000$ |  |
| $\underline{29,68,000}$ | $\underline{110,68,000}$ |
| $\underline{8,00,000}$ |  |
| $30,00,000$ | $\underline{214,00,000}$ |
| $16,00,000$ |  |
| $\underline{2,00,000}$ | $\underline{48,00,000}$ |
| $49,00,000$ |  |
| $\underline{(80,000)}$ | $\underline{48,20,000}$ |
| $2,20,000$ |  |
| $\underline{14,88,000}$ | $\underline{17,08,000}$ |

*Considered to be short term.
(b) Statement showing the calculation of Profits for the pre-incorporation and postincorporation periods for the year ended 31 ${ }^{\text {st }}$ March, 2020

| Particulars | Total | Allocation basis | Pre- incorporation | Postincorporation ₹ |
| :---: | :---: | :---: | :---: | :---: |
| Gross Profit | 3,90,800 | Sales | 39,080 | 3,51,720 |
| Less: Directors' fee | 30,000 | Post |  | 30,000 |
| Bad debts | 7,200 | Sales | 720 | 6,480 |
| Advertising | 24,000 | Time | 6,000 | 18,000 |
| Salaries \& general expenses | 1,28,000 | Time | 32,000 | 96,000 |
| Preliminary expenses | 10,000 | Post |  | 10,000 |
| Donation to Political Party | 10,000 | Post |  | 10,000 |
| Net Profit | 1,81,600 |  |  | 1,81,240 |
| Pre-incorporation profit transferred to Capital Reserve |  |  | 360 |  |

## Working Notes:

1. Sales ratio

| Particulars | $₹$ |
| :--- | ---: |
| Sales for period up to $30.06 .2019(4,80,000 \times 3 / 6)$ | $2,40,000$ |
| Sales for period from 01.07 .2019 to $31.03 .2020(24,00,000-2,40,000)$ | $21,60,000$ |

Thus, Sales Ratio $=1: 9$

## 2. Time ratio

$1^{\text {st }}$ April, 2019 to 30 June, 2019: 1 st July, 2019 to $31^{\text {st }}$ March, 2020
$=3$ months: 9 months $=1: 3$
Thus, Time Ratio is $1: 3$
6. (a) As per AS 16 'Borrowing Costs', a qualifying asset is an asset that necessarily takes a substantial period of time to get ready for its intended use or sale. Further, the standard states that what constitutes a substantial period of time primarily depends on the facts and circumstances of each case. However, ordinarily, a period of twelve months is considered as substantial period of time unless a shorter or longer period can be justified on the basis of facts and circumstances of the case. In estimating the period, time which an asset takes, technologically and commercially, to get it ready for its intended use or sale is considered.

It may be implied that there is a rebuttable presumption that a 12 months period constitutes substantial period of time.

Under present circumstances where construction period has reduced drastically due to technical innovation, the 12 months period should at best be looked at as a benchmark and not as a conclusive yardstick. It may so happen that an asset under normal circumstances may take more than 12 months to complete. However, an enterprise that completes the asset in 8 months should not be penalized for its efficiency by denying it interest capitalization and vice versa.
The substantial period criteria ensures that enterprises do not spend a lot of time and effort capturing immaterial interest cost for purposes of capitalization.

Therefore, if the factory is constructed in 8 months then it shall be considered as a qualifying asset. The interest on borrowings for the same shall be capitalised although it has taken less than 12 months for the asset to get ready to use.
(b) Amount that can be drawn from reserves for ( $10 \%$ dividend on ₹ $80,00,000$ i.e. ₹ $8,00,000$ )

## Profits available

Current year profit ₹ $1,42,500$
Amount which can be utilized from reserves ( $₹ 8,00,000-1,42,500$ ) ₹ $6,57,500$
Conditions as per Companies (Declaration of dividend out of Reserves) Rules, 2014 :

## Condition I

Since $10 \%$ is lower than the average rate of dividend (12\%), $10 \%$ dividend can be declared.

## Condition II

Maximum amount that can be drawn from the accumulated profits and reserves should not exceed $10 \%$ of paid up capital plus free reserves ie. ₹ $10,50,000$ [ $10 \%$ of ( $80,00,000+25,00,000$ )]

## Condition III

The balance of reserves after drawl ₹ $18,42,500$ ( $₹ 25,00,000$ - ₹ $6,57,500$ ) should not fall below $15 \%$ of its paid up capital ie. ₹ $12,00,000$ ( $15 \%$ of ₹ $80,00,000$ ]

Since all the three conditions are satisfied, the company can withdraw ₹ $6,57,500$ from accumulated reserve (as per Declaration and Payment of Dividend Rules, 2014).

## OR

Computation of effective capital:

|  |  | $₹$ |
| :--- | ---: | ---: |
| Paid-up share capital- |  |  |
| 20,000, 14\% Preference shares |  | $20,00,000$ |
| $1,20,000$ Equity shares | $96,00,000$ |  |
| Capital reserves (excluding revaluation reserve) |  | 45,000 |
| Securities premium | 50,000 |  |
| 15\% Debentures |  | $65,00,000$ |
| Public Deposits | (A) | $\underline{3,70,000}$ |
|  |  | $\underline{1,85,65,000}$ |
| Investments | (B) | $\underline{15,00,000000}$ |
| Profit and Loss account (Dr. balance) | $\underline{90,00,000}$ |  |
| Effective capital | (A-B) | $\underline{95,65,000}$ |

(c) Cash Flow Statement from Investing Activities of Subham Creative Limited for year ended 31-03-2019

| Cash generated from investing activities | $₹$ | $₹$ |
| :--- | ---: | ---: |
| Interest on loan received | 70,000 |  |
| Pre-acquisition dividend received on investment made | 52,600 |  |
| Unsecured loans given to subsidiaries | $(5,00,000)$ |  |
| Interest received on investments (gross value) | 82,000 |  |
| TDS deducted on interest | $(8,200)$ |  |
| Sale of Plant \& Machinery ₹ (90,000 - 9,600) | $\underline{80,400}$ |  |
| Cash used in investing activities (before extra-ordinary item) |  | $(2,23,200)$ |
| Extraordinary claim received for loss of machinery |  | $\underline{55,000}$ |
| Net cash used in investing activities (after extra-ordinary item) |  | $(\underline{1,68,200})$ |

## Note:

1. Debenture interest paid and Term Loan repaid are financing activities and therefore not considered for preparing cash flow from investing activities.
2. Machinery acquired by issue of shares does not amount to cash outflow, hence also not considered in the above cash flow statement.
(d) Effects of each transaction on Balance sheet of Mr. A is shown below:

| Transactions | Assets ₹ lakh | - | $\begin{array}{r} \hline \text { Liabilities } \\ ₹ \\ \hline \end{array}$ | = | Equity <br> ₹ lakh |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Opening | 8.00 | - | 3.00 | = | 5.00 |
| (1) Dividend earned | 8.20 | - | 3.00 | = | 5.20 |
| (2) Settlement of Creditors | 7.70 | - | 2.30 | = | 5.40 |
| (3) Rent Outstanding | 7.70 | - | 2.40 | = | 5.30 |
| (4) Drawings | 7.61 | - | 2.40 | = | 5.21 |

