

SUGGESTED SOLUTION

INTERMEDIATE NOVEMBER 2018 EXAM

SUBJECT-ACCOUNTS

Test Code - PIN 5031

BRANCH - () (Date :)

Head Office : Shraddha, 3rd Floor, Near Chinai College, Andheri (E), Mumbai – 69. Tel : (022) 26836666

Answer 1: (A)

According to AS 16 'Borrowing costs', qualifying asset is an asset that necessarily takes substantial period of time to get ready for its intended use. As per the standard, borrowing costs that are directly attributable to the acquisition, construction or production of a qualifying asset should be capitalized as part of the cost of that asset. Other borrowing costs should be recognized as an expense in the period in which they are incurred. Capitalization of borrowing costs is also not suspended when a temporary delay is a necessary part of the process of getting an asset ready for its intended use or sale.

| | Qualifyin g Asset | Interest to be capitalized Rs. in crores | Interest to be charged to Profit & Loss A/c Rs. in crores | |
|---------------------------------------|----------------------|--|---|-------------|
| Construction of hill road* | Yes | 1.25 | | 1.6/64 x 50 |
| Purchase of equipment and machineries | No | | 0.15 | 1.6/64 x 6 |
| Working capital | No | | 0.10 | 1.6/64 x 4 |
| Purchase of vehicles | No | | 0.025 | 1.6/64 x 1 |
| Advance for tools, cranes etc. | No | | 0.025 | 1.6/64 x 1 |
| Purchase of technical know- how | No | | 0.05 | 1.6/64 x 2 |
| Total | | <u>1.25</u> | <u>0.35</u> | |

The treatment of interest by Zen Bridge Construction Ltd. can be shown as:

***Note:** It is assumed that construction of hill road will normally take more than a year (substantial period of time), hence considered as qualifying asset.

(B)

AS-1 'Disclosure of Accounting Policies' recognizes 'prudence' as one of the major considerations governing the selection and application of accounting policies. In view of the uncertainty attached to future events, profits are not anticipated but recognized only when realized though not necessarily in cash. Provision is made for all known liabilities and losses even though the amount cannot be determined with certainty and represents only a best estimate in the light of available information.

As per AS 1, 'accrual' is one of the fundamental accounting assumptions. Irrespective of the terms of the contract, so long as the principal amount of a loan is not repaid, the lender cannot be placed in a disadvantageous position for non-payment of interest in respect of overdue amount. From the facts given in the question, it is apparent that the company has an obligation to pay because of the overdue interest amount.

Hence, the company should provide for the liability (since it is not waived by the lenders) at an amount estimated or on reasonable basis based on facts and circumstances of each case. However, in respect of the overdue interest amounts, which are settled, the liability should be accrued to the extent of amounts settled. Non-provision of the overdue interest liability amounts to violation of accrual basis of accounting. Therefore, the treatment, done by the company, of not providing the interest amount from due date to the date of repayment, is not correct.

Cash flow statement consists of:(a) Cash in hand and deposits repayable on demand with any bank or other financial institutions and (b) Cash equivalents, which are short term, highly liquid investments that are readily convertible into known amounts of cash and are subject to insignificant risk or change in value.

Cash flows are inflows (i.e. receipts) and outflows (i.e. payments) of cash and cash equivalents. *Any transaction, which does not result in cash flow, should not be reported in the cash flow statement.* Movements within cash or cash equivalents are not cash flows because they do not change cash as defined by AS 3 "Cash Flow Statements" which is sum of cash, bank and cash equivalents.

In the given case, due to increase in rate of foreign exchange by 75 paise, there is increase (change) in bank balance. This increase of Rs. 18,750 (25,000 x 0.75) is not a cash flow because neither there is any cash inflow nor there is any cash outflow. Therefore, this change in bank balance amounting Rs. 18,750 need not be disclosed in Cash Flow Statement of Ruby exports. The net increase/decrease in Cash/Cash equivalents in the Cash Flow Statements are stated exclusive of exchange gains and losses. The resultant difference between Cash and Cash Equivalents as per the Cash flow statement and that recognized in the balance sheet is reconciled in the note on cash flow statements.

(D)

Gamma Limited

| Year | Accounting Income | Taxable Income | Timing Difference (balance) | Deferred Tax Liability (balance) |
|---------------|----------------------|----------------|-----------------------------------|-------------------------------------|
| 2014- 2015 | 11,00,000 | 7,00,000 | 4,00,000 | 1,40,000 |
| 2015- 2016 | 16,00,000 | 18,00,000 | 2,00,000 | 70,000 |
| 2016- 2017 | 21,00,000 | 23,00,000 | NIL | NIL |
| | 48,00,000 | 48,00,000 | | |

Calculation of Deferred Tax Asset/Liability

As per AS 22, deferred tax assets and liabilities should be distinguished from assets and liabilities representing current tax for the period. Deferred tax assets and liabilities should be disclosed under a separate heading in the balance sheet of the enterprise, separately from current assets and current liabilities. The break-up of deferred tax assets and deferred tax liabilities into major components of the respective balances should be disclosed in the notes to accounts.

Answer 2: (A)

1. Statement of Affairs as on 31st March 2017

| Liabilities | Rs. | Assets | Rs. |
|----------------------------|----------|------------------------------------|----------|
| Capital (balancing figure) | 1,61,700 | Machinery | 1,10,000 |
| Sundry Creditors | 2,750 | Stock | 10,450 |
| | | Debtors | 550 |
| | | Cash at bank (1,65,000 - 1,22,650) | 42,350 |
| | | Cash in hand | 1,100 |

(C)

2. Statement of Affairs as on 31st March 2018

| Liabilities | Rs. | Assets | Rs. |
|---------------------------|----------|---|----------|
| Capital(Balancing figure) | 1,80,400 | Machinery (1,10,000 + 33,000) | 1,43,000 |
| Sundry Creditors | 2,750 | Stock | 15,950 |
| | | Debtors | 1,100 |
| | | Cash at Bank (OB. 42,350 + 1,26,500 - 1,48,500) | 20,350 |
| | | Cash in hand | 1,650 |
| Total | 1,82,050 | Total | 1,82,050 |

3. Profit and Loss for the Period

| Particulars | 1.1.2017 to 31.3.2017 (3 Months) | 1.1.2017 to 31.3.2018 (12 Months) |
|---|-------------------------------------|--------------------------------------|
| Closing Capital as per Statement of Affairs above | 1,61,700 | 1,80,400 |
| Add: Drawings (From Feb 2017) | 2 x 385 =770 | 12 x 385 = 4,620 |
| Less: Opening Capital | 1,62,470 At Bank = 1,65,000 | 1,85,020 1,61,700 |
| Profit / (Loss) | Loss(2,530) | Profit 23,320 |

(B)

1. Computation of Interest at 8% p.a. on various dates

| Date | Particulars | FV(Rs.) | Period(months) | Interest Amt at 8% p.a (Rs.) |
|------------|--|----------|----------------|---------------------------------|
| 01.07.2017 | Interest on Ex-Interest Purchase(100 x Rs. 100) | 10,000 | 3 | 200 |
| 30.09.2017 | Interest Received on Holding(1,20,000 + 10,000) | 1,30,000 | 6 | 5,200 |
| 01.10.2017 | Interest on Ex-Interest Sale(200 x Rs. 100)(No Interest, since the Interest Date is only 30.09.2017) | 20,000 | _ | Nil |
| 01.01.2018 | Interest on Cum-interest Purchase(50 x Rs. 100) | 5,000 | 3 | 100 |
| 01.02.2018 | Interest on Ex-Interest Sale(200 x Rs. 100) | 20,000 | 4 | 533 |
| 31.03.2018 | Interest Received on Closing Balance(Note) | 95,000 | 6 | 3,800 |

Note: FV of holding on 31st March = 1,30,000 (upto 30th Sep) - 20,000 + 5,000 - 20,000 = Rs. 95,000.

2. Computation of Cost of Purchase

| | Particulars | 01.07.2017 | 01.01.2018 |
|-------|---|------------|--------------------------|
| | Amount paid | 9,800 | 4,900 |
| Less: | Interest (for Cum-Interest purchase only) | - | 5,000 x 8% x 3/12= (100) |
| Add: | Brokerage at 1% of amount paid | 98 | 48 |

| Net Cost of Purchase | 9,898 | 4,848 |
|--------------------------|--|---------------------------------------|
| 3. Comput | ation of Profit / (Loss) on sale of Invest | tments |
| Particulars | 01.10.2017 | 01.02.2018 |
| Sale Proceeds | 20,000 | 19,80 |
| Less: Brokerage at 1% | (200) | (198 |
| Net Sale Proceeds | 19,800 | 19,603 |
| Less: Cost on FIFO basis | 1,80,000 x $\frac{20}{120}$ =(19,667) | 1,18,000 x $\frac{20}{120}$ = (19,667 |
| Profit / (Loss) on Sale | 133 | (65 |

4. Investment in 8% Debentures of P Ltd A/c

| Date | Particulars | FV | Int. | Cost | Date | Particulars | FV | Int. | Cost |
|----------|-------------|----------|-------|----------|----------|-------------|----------|-------|----------|
| 01.04.17 | To bal. b/d | 1,20,000 | - | 1,18,000 | 30.09.17 | By Bank | - | 5,200 | - |
| 01.07.17 | To Bank | 10,000 | 200 | 9,898 | 01.10.17 | By Bank | 20,000 | - | 19,800 |
| 01.10.17 | To P&L- Pft | - | - | 133 | 01.02.18 | By Bank | 20,000 | 533 | 19,602 |
| | tfr | | | | | | | | |
| 01.01.18 | To Bank | 5,000 | 100 | 4,848 | 01.02.18 | By P&L- | - | - | 65 |
| | | | | | | Loss | | | |
| 31.03.18 | To P&L- Int | (b/fig) | 9,233 | - | 31.03.18 | By bal. c/d | 95,000 | 3,800 | 93,412 |
| | tfr | | | | | | | | |
| | Total | 1,35,000 | 9,533 | 1,32,879 | | Total | 1,35,000 | 9,533 | 1,32,879 |

Note:

Г

Net Gain on Sale of Investments (from WN 3) = Rs. 133 - Rs. 65 = Rs. 68, can be transferred to P&L A/c at the end of the year. In the above a/c, Gain of Rs. 133 and Loss of Rs. 65 are separately transferred to P&L, on the dates of sale itself.

Market Value of Investments at year-end = 950 x Rs. 99 = Rs. 94,050. Cost as per above A/c (Closing Balance = bal. figure = Rs. 93,412. So, B/Sheet Value = Lower of Cost or Market Value = Cost Rs. 93,412.

Answer 3:

(A)

1. Computation of Ratios for apportionment purposes

| Particulars | Pre-Incorpn. | Post-Incorpn. | Total |
|-----------------------------------|---|---|--------|
| (a) Period in Months | 1 st Jan to 31 st May = 5 | 1 st June to 31 st March next = | 5:10 = |
| | months | 10 months | 1:2 |
| (b) Sales per Month Ratio (given) | Say, Rs.1 x 5 months | (Rs.2.5 x 7 months + Rs.3.5 x | |
| | | 3 months) | |
| (c) Overall Sales Ratio (a) x (b) | 1 x 5 = 5 | (2.5 x 7) + (3.5 x 3) = 28 | 5:28 |

| (d) Salary Ratio | Say, Rs.1 | Doubled from July = Rs.2 | |
|--|------------------|--------------------------|------|
| (e) Total Salary Ratio (a) x (d) | 1 x 5 months = 5 | (1 x 1) + (2 x 9) = 19 | 5:19 |
| (f) Rent for additional shown room | - | 10,000 x 9 = 90,000 | |
| (g) So, Balance Rent (1,35,000 – 90,000) in Time Ratio | 15,000 | 30,000 | |
| (h) Total Rent (f) + (g) | 15,000 | 1,20,000 | |
| (i) Interest charged to Company (9,00,000 x 10% x 10/12) | - | 75,000 | |
| (j) So, Balance Interest for Pre-Inc. (1,05,000 – 75,000) | 30,000 | - | - |

2. Statement showing calculation of Profit / Losses for Pre and Post Incorporation Periods

| | Particulars | Ratio | Pre Incorpn. | PostIncorpn. |
|-------|------------------------------------|-------|--------------|--------------|
| | Sales (Apportioned in Sales Ratio) | 5:28 | 3,00,000 | 16,80,000 |
| Less: | Cost of Goods Sold | 5:28 | 1,80,000 | 10,08,000 |
| Α. | Gross Profit | | 1,20,000 | 6,72,000 |
| В. | Apportionment of Expenses | | | |
| | Discount to Dealers | 5:28 | 7,000 | 39,200 |
| | Salaries | 5:19 | 18,750 | 71,250 |
| | Rent(WN 1) | | 15,000 | 1,20,000 |
| | Interest(WN 1) | | 30,000 | 75,000 |
| | Depreciation | 1:2 | 10,000 | 20,000 |
| | Office Expenses | 1:2 | 35,000 | 70,000 |
| | Sales Promotion Expenses | 5:28 | 5,000 | 28,000 |
| | Director's Remuneration | | - | 60,000 |
| | Preliminary Expenses | | - | 15,000 |
| | Total Expenses | | 1,20,750 | 4,98,450 |
| C. | Profit / (Loss) (A - B) | | (750) | 1,73,550 |

Note : It is assumed that Preliminary Expenses are fully written off against Post-Incorporation Profits.

(B)

(i)

Department Trading Account

For the year ending on 31.03.20X2

In the books of Head Office

| Particulars | Rs. | Particulars | Rs. | |
|-------------|-----|-------------|-----|--|
|-------------|-----|-------------|-----|--|

| | 3,23,880 | | 3,23,880 |
|----------------------------|----------|------------------|----------|
| To Gross Profit c/d (b.f.) | 58,880 | By Closing Stock | 22,880 |
| To Purchases | 2,00,000 | By Shortage | 1,000 |
| To Opening Stock | 65,000 | By Sales | 3,00,000 |

(ii) Memorandum stock account (for Department A) (at selling price)

| Particulars | Rs. | Particulars | Rs. |
|--------------------------------------|----------|------------------------------|----------|
| To Balance b/d | 81,250 | By Profit & Loss A/c | 1,000 |
| (Rs. 65,000+25% of Rs. 65,000) | | (Cost of Shortage) | |
| To Purchases | | By Memorandum Departmental | 250 |
| (Rs. 2,00,000 + 25% of Rs. 2,00,000) | 2,50,000 | Mark up A/c (Load on | |
| | | Shortage) (Rs. 1,000 x 25%) | |
| | | By Memorandum Departmental | 1,200 |
| | | Mark-up A/c (Mark-down | |
| | | on Current Purchases) | |
| | | By Debtors A/c (Sales) | 3,00,000 |
| | | By Memorandum Departmental | 600 |
| | | Mark-up A/c (Mark Down | |
| | | on Opening Stock) | |
| | | By Balance c/d (b.f.) | 28,200 |
| | 3,31,250 | | 3,31,250 |

(iii)

Memorandum Departmental Mark-up Account

| Particulars | Rs. | Particulars | Rs. |
|--|--------|----------------------------|--------|
| To Memorandum Departmental | 250 | By Balance b/d | 16,250 |
| Stock A/c (Rs. 1,000 × 25/100) | | (Rs. 81,250 x 25/125) | |
| To Memorandum Departmental | 1,200 | By Memorandum Departmental | 50,000 |
| Stock A/c | | Stock A/c | |
| To Memorandum Departmental | 600 | (Rs. 2,50,000 x 25/125) | |
| Stock A/c | | | |
| To Gross Profit transferred to | 58,880 | | |
| Profit & Loss A/c | | | |
| To Balance c/d [(Rs. 28,200 + 400*) x 25/125 - Rs. 400] | 5,320 | | |
| | 66,250 | | 66,250 |
| *[Rs.1,200×5,000/15,000] = Rs. 400 | • | | • |

Working Notes:

| (i) | Calculation of Cost of Sales | |
|-----|--|----------|
| | | Rs. |
| Α. | Sales as per Books | 3,00,000 |
| В. | Add : Mark-Odown in opening stock (given) | 600 |
| C. | Add : Mark-down in sales out of current purchases (RS.1,200 x 10,000 / 15,000) | 800 |
| D. | Value of sales if there was no mark-down (A+B+C) | 3,01,400 |
| E. | Less : Gross Profit (25/125 of Rs.3,01,400) subject to Mark Down (Rs.600 + Rs.800) | (60,280) |
| F. | Cost of Sales (D-E) | 2,41,120 |

(ii) Calculation of Closing Stock

| | | Rs. |
|----|-------------------------|------------|
| Α. | Opening Stock | 65,000 |
| В. | Add ; Purchases | 2,00,000 |
| C. | Less : Cost of Sales | (2,41,120) |
| D. | Less : Shortage | (1,000) |
| E. | Closing Stock (A+B-C-D) | 22,880 |

Note : It has been assumed that mark-up (given in question) is determined as a percentage of cost.

Answer 4: (A)

In the books of C Limited

Journal Entries

| Date | Particulars | | Dr. (Rs.) | Cr. (Rs.) |
|------|--|-----|------------|------------|
| | Bank A/c | Dr. | 2,50,000 | |
| | To Equity Share Capital A/c | | | 2,50,000 |
| | (Being the issue of 25,000 equity shares of Rs. 10 each at | par | | |
| | as per Board's resolution Nodated) | | | |
| | Bank A/c | Dr. | 1,00,000 | |
| | To 14% Debenture A/c | | | 1,00,000 |
| | (Being the issue of 1,000 Debentures of Rs. 100 each as p | ber | | |
| | Board's Resolution Nodated) | | | |
| | 12% Redeemable Preference Share Capital A/c | Dr. | 3,00,000 | |
| | Premium on Redemption of Preference Shares A/c | Dr. | 30,000 | |
| | To Preference Shareholders A/c | | | 3,30,000 |

| (Being the amount payable on redemption transferred t | 0 | | | |
|---|---------|----------|----------|---|
| Preference Shareholders Account) | | | | |
| Preference Shareholders A/c | Dr. | 3,30,000 | | - |
| To Bank A/c | | | 3,30,000 | |
| (Being the amount paid on redemption of preference | | | | |
| shares) | | | | |
| Profit & Loss A/c | Dr. | 30,000 | | |
| To Premium on Redemption of Preference Shar | res A/c | 30,000 | | |
| (Being the adjustment of premium on redemption again | ist | | | |
| Profits & Loss Account) | | | | |
| Profit & Loss | Dr. | 50,000 | | - |
| To Capital Redemption Reserve A/c | | | 50,000 | |
| (Being the amount transferred to Capital Redemption | | | | |
| Reserve Account as per the requirement of the Act | | | | |

| Face value of shares to be redeemed | Rs. 3,00,000 |
|-------------------------------------|------------------------|
| Less: Proceeds from new issue | <u>(Rs. 2,50,000)</u> |
| Total Balance | <u>Rs.50,000</u> |

(B)

Calculation of net profit u/s 198 of the Companies Act, 2013

| | Rs. | Rs. |
|--|----------|-------------|
| Balance from Trading A/c | | 40,25,365 |
| Add : Subsidies received from Government | | 2,73,925 |
| | | 42,99,290 |
| Less : Administrative, selling and distribution expenses | 8,22,542 | |
| Director's fees | 1,34,780 | |
| Interest on debentures | 31,240 | |
| Depreciation on fixed assets as per Schedule II | 5,75,345 | (15,63,907) |
| Profit u/s 198 | | 27,35,383 |

Maximum Managerial remuneration under Companies Act, 2013=11% of Rs.27,35,383= Rs.3,00,892.

Calculation of number of equity shares to be allotted

| | Number of debenture s |
|--|--------------------------------|
| Total number of debentures | 20,000 |
| Less: Debenture holders not opted for conversion | <u>(2,500)</u> |
| Debenture holders opted for conversion | <u>17,500</u> |
| Option for conversion | 20% |
| Number of debentures to be converted (20% of 17,500) | 3,500 |

Redemption value of 3,500 debentures at a premium of 5% Rs. 3,67,500 [3,500 x (100+5)]

Equity shares of Rs. 10 each issued on conversion [Rs. 3,67,500/ Rs. 15]

24,500 shares

(D)

(a) When Net Realizable Value of the Chemical Y is Rs. 800 perunit

NRV is greater than the cost of Finished Goods Y i.e. Rs. 660 (Refer W.N.) Hence, Raw Material and Finished Goods are to be valued at cost.

Value of Closing Stock:

| | Qty. | Rate (Rs.) | Amount (Rs.) |
|------------------------------|-------|------------|--------------|
| Raw Material X | 1,000 | 440 | 4,40,000 |
| Finished Goods Y | 2,400 | 660 | 15,84,000 |
| Total Value of Closing Stock | | | 20,24,000 |

(b) When Net Realizable Value of the Chemical Y is Rs. 600 per unit

NRV is less than the cost of Finished Goods Y i.e. Rs. 660. Hence, Raw Material is to be valued at replacement cost and Finished Goods are to be valued at NRV since NRV is less than the cost.

Value of Closing Stock:

| | Qty. | Rate (Rs.) | Amount (Rs.) |
|------------------------------|-------|------------|------------------|
| Raw Material X | 1,000 | 300 | 3,00,000 |
| Finished Goods Y | 2,400 | 600 | <u>14,40,000</u> |
| Total Value of Closing Stock | | | <u>17,40,000</u> |

Working Note:

Statement showing cost calculation of Raw material X and Chemical Y

| Raw Material X | Rs. |
|---------------------|-----|
| Cost Price | 380 |
| Add: Freight Inward | 40 |

(C)

| Unloading charges | <u>20</u> |
|--|------------|
| Cost | <u>440</u> |
| Chemical Y | Rs. |
| Materials consumed | 440 |
| Direct Labour | 120 |
| Variable overheads | 80 |
| Fixed overheads (Rs.4,00,000/20,000 units) | <u>20</u> |
| Cost | 660 |

Answer 5:

(A)

Necessary Ledger Accounts in the books of Partnership Firm Realization Account

| Particulars | Rs. | Rs. | Particulars | Rs. | Rs. |
|------------------------------------|--------|----------|-----------------------|--------------|----------|
| To Goodwill | | 10,000 | By provision to | | |
| To land | | 20,000 | doubtful Debts | | 2,000 |
| To Buildings | | 1,10,000 | By Trade creditors | | 96,000 |
| To Machinery | | 50,000 | By Bills Payable | | 14,000 |
| To Motor Car | | 28,000 | By Bank overdraft | | 60,000 |
| To Furniture | | 12,000 | By Mrs. Aman's loan | | 15,000 |
| To Investments | | 18,000 | By ABC Ltd. | | 1,95,500 |
| To Loose tools | | 7,000 | (Purchase price) | | |
| To Stock | | 18,000 | By Aman's Capital A/c | | 13,000 |
| To Bill receivable | | 20,000 | (Investments taken | | |
| To Debtors | | 40,000 | over) | | |
| To Aman's Capital A/c (Mrs. Aman's | | 15,000 | By Cash A/c: | 20,000 | |
| Loan) | | | Debtors | 24,000 | |
| To Cash A/c: | 94,000 | | Motor Car | 4,000 | |
| Creditors | 500 | 94,500 | Furniture | <u>1,000</u> | 49,000 |
| Realization expenses | | | Loose tools | | |
| To Profit on Realizationt/f to: | 1,000 | | | | |
| Aman's Capital A/c | 667 | | | | |
| Baal's Capital A/c | 333 | 2,000 | | | |
| Chand's Capital A/c | | | | | |
| | | 4,44,500 | | | 4,44,500 |

ABC Ltd. Account

| Particulars | Rs. | Particulars | Rs. |
|--------------------|----------|-----------------------|----------|
| To Realization A/c | 1,95,500 | By Cash A/c | 75,500 |
| | | By Shares in ABC Ltd. | 1,20,000 |
| | 1,95,500 | | 1,95,500 |

Partners' Capital Accounts

| Rs. Rs. Rs. Rs. | Chand Rs. | Baal Rs. | Aman Rs. | Particulars | Chand Rs. | Baal Rs. | Aman Rs. | Particulars |
|-----------------|--------------|-------------|-------------|-------------|--------------|-------------|-------------|-------------|
|-----------------|--------------|-------------|-------------|-------------|--------------|-------------|-------------|-------------|

| | 97,000 | 88,000 | 78,000 | (Mrs.Aman's Ioan A/c) By Cash A/c | 15,000 - 97,000 | - - 88,000 | - 31,000 78,000 |
|---------------------------|--------|--------|--------|---|------------------------------|------------------|------------------------------|
| Ltd. To Cash Δ/c | 18,000 | 44,000 | - | By Realization A/c | | | |
| To shares in ABC | 60,000 | 40,000 | 20,000 | By Realization A/c | 1,000 | 667 | 333 |
| To Chand's Current A/c | - | - | 56,000 | By Investment Fluctuation Fund* | 2.000 | 1.333 | 667 |
| To Realization A/c | 13,000 | - | - | By Chand's Loan A/c By General reserve | - 9,000 | - 6,000 | 33,000 3,000 |
| To Profit and Loss A/c | 6,000 | 4,000 | 2,000 | By Balance b/d | 70,000 | 80,000 | 10,000 |

*Alternatively, Investment Fluctuation Fund Account may be transferred to Realization Account.

Chand's Current Account

| Particulars | Rs. | Particulars | Rs. |
|----------------|--------|---------------------------------|--------|
| To Balance b/d | 56,000 | By Chand's Capital A/c-transfer | 56,000 |
| | 56,000 | | 56,000 |

Shares in ABC Ltd. Account

| Particulars | Rs. | Particulars | Rs. |
|---------------------|----------|------------------------|----------|
| To ABC Ltd. Account | 1,20,000 | By Aman's Capital A/c | 60,000 |
| | | By Baal's Capital A/c | 40,000 |
| | | By Chand's Capital A/c | 20,000 |
| | 1,20,000 | | 1,20,000 |

Cash Account

| Particulars | Rs. | Particulars | Rs. |
|-------------------------------------|----------|----------------------------|----------|
| To Balance b/d | 1,000 | By Realization A/c | 94,500 |
| To ABC Ltd. | 75,500 | (Liabilities and expenses) | |
| To Realization A/c (sale of assets) | 49,000 | By Aman's Capital A/c | 18,000 |
| To Chand's Capital A/c | 31,000 | By Baal's Capital A/c | 44,000 |
| | | | |
| | 1,56,500 | | 1,56,500 |

(B)

- 1. 'Funds' shown in the above Schedule refer to Cash and Cash Equivalents (as per AS3).
- 2. Gross Margin as per Income Statement = Gross Profit = Sales Cost of Goods Sold = 32,760 18,588 = 14,172
- 3. Cash Collected from Customers (as per above Schedule) = 33,134
- 4. Cash Paid for Purchases (as per above Schedule) = 18,457
- 5. Since there is a Decrease in Inventories, Working Capital will be reduced by 212.

Answer 6:

(A)

Computation of claim for loss of stock:

| | Rs. |
|---|----------------|
| Stock on the date of fire i.e. 31.12.20X1(Refer working note) | 30,500 |
| Less: Salvaged stock | <u>(3,000)</u> |
| Loss of stock | 27,500 |

Amount of claim

 $\frac{\text{Insured value}}{\text{Total cost of stock on the date of fire}} \text{ x loss of stock}$

 $= \frac{Rs.25,000}{Rs.30,500} \times \text{Rs}.27,500 = \text{Rs}.22,541$

Working Note:

Memorandum trading account can be prepared for the period from 1.10.20X1 to31.12.20X1 to compute the value of stock on 31.12.20X1.

Memorandum Trading Account

for period from 1.10.20X1 to 31.12.20X1

| | Rs. | Rs. | | Rs. |
|----------------------------------|---------|----------|------------------------------|----------|
| To Opening stock | | 33,000 | By Sales | 1,40,000 |
| (Rs. 29,700×100/90 | | | | |
| To Purchases | 75,000 | | By Closing stock (bal. fig.) | 30,500 |
| Less : Cost of plant | (5,000) | 70,000 | | |
| To Wages | 33,000 | | | |
| Less : Wages paid for plant | (500) | 32,500 | | |
| To Gross Profit | | 35,000 | | |
| (33.33% on cost or 25% on sales) | | | | |
| | | 1,70,500 | | 1,70,500 |

(B)

Machinery Account

| | | Rs. | | | Rs. |
|--------|---------------------------|--------|--------|----------------------|--------|
| 1 Yr. | To Hire Vendor A/c (W.N.) | 15,533 | 1 Yr. | By Depreciation A/c | 1,553 |
| | | | | By Balance c/d | 13,980 |
| | | 15,533 | | | 15,533 |
| ll Yr. | To Balance b/d | 13,980 | ll Yr. | By Depreciation A/c* | 1,398 |

| | | | | By Balance c/d | 12,582 |
|---------|----------------|--------|---------|---------------------------------|--------|
| | | 13,980 | | | 13,980 |
| III Yr. | To Balance b/d | 12,582 | III Yr. | By Depreciation A/c* | 1,258 |
| | | | | By Hire Vendor | 11,000 |
| | | | | By Profit & Loss A/c | 324 |
| | | | | (Loss on Surrender) (bal. fig.) | |
| | | 12,582 | | | 12,582 |

*Depreciation has been directly credited to the Machinery Account; it could have been accumulated in provision for depreciation account.

| | | Rs. | | | Rs. |
|---------|-----------------------------|--------|---------|------------------|--------|
| l Yr. | To Bank A/c | 6,000 | l Yr. | By Machinery A/c | 15,533 |
| | To Balance c/d | 12,639 | | By Interest A/c | 3,106 |
| | | 18,639 | | | 18,639 |
| ll Yr. | To Bank A/c | 6,000 | ll Yr. | By Balance b/d | 12,639 |
| | To Balance c/d | 9,167 | | By Interest A/c | 2,528 |
| | | 15,167 | | | 15,167 |
| III Yr. | To Machinery A/c (transfer) | 11,000 | III Yr. | By Balance b/d | 9,167 |
| | | | | By Interest A/c | 1,833 |
| | | 11,000 | | | 11,000 |

Hire Vendor Account

Note : Alternatively, total interest could have been debited to Interest Suspense A/c and credited to Hire Vendor A/c with consequential changes.

Working Notes:

| | Instalment Amount | Interest Rs. | Principal Rs. |
|------------------------------------|-------------------|--------------|---------------|
| 4th Instalment | 6,000 | | |
| Interest 6,000 x $\frac{20}{120}$ | 1,000 | 1,000 | 5,000 |
| | 5,000 | | |
| Add : 3rd Instalment | 6,000 | | |
| | 11,000 | | |
| Interest 11,000 x $\frac{20}{120}$ | 1,833 | 1,833 | 4,167 |
| | 9,167 | | |
| Add : 2nd Instalment | 6,000 | | |
| | 15,167 | | |
| Interest 15,167 x $\frac{20}{120}$ | 2,528 | 2,528 | 3,472 |
| Add : Ist Instalment | 6,000 | | |

| | 18,639 | | | |
|------------------------------------|--------|-------|--------|--|
| Interest 18,639 x $\frac{20}{120}$ | 3,106 | 3,106 | 2,894 | |
| | 15,533 | 8,467 | 15,533 | |

(C)

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 conditionnecessaryforittobecapableofoperatinginthemannerintendedbymanagement.

The costs to be incurred by the company are in the nature of costs of reducing or reorganizing the operations of the accompany. These costs do not meet that requirement of AS 10 "Property, Plant and Equipment" and cannot, therefore, be capitalized.