

### **SUGGESTED SOLUTION**

**CA FOUNDATION** 

SUBJECT-ACCOUNTS

Test Code – CFN 9340

BRANCH - () (Date :)

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# NOTES: (1) WORKING NOTES SHOULD FORM PART OF ANSWERS. (2) INTERNAL WORKING NOTES SHOULD ALSO BE CONSIDERED BY PAPER CHECKER. (3) NEW QUESTION SHOULD BE ON NEW PAGE

#### Answer 1:

(A)

- (i) **False:** The CinemaHall could not be started without license. Expenditure incurred to obtain the license is pre-operative expense which is capitalized. Such expenses are not revenue and amortized over a period oftime.
- (ii) **False:** A forfeited share is merely a share available to the company for sale and remains vested in the company for that purpose only. Reissue of forfeited shares is notallotmentofsharesbutonlyasaleastheyhavealreadybeenallottedearlier.
- (iii) **False:** If the effect of errors committed cancel out, the errors will be called compensating errors and the trial balance willagree.
- (iv) **False:** There are three ways of preparing an Account Current: (i)With helpof interesttable;(ii)Bymeansofproductsand(iii)Bymeansofproductsofbalances.
- (v) **False:** In Consignment sale, ownership of the goods rests with the consignor till they are sold by the consignee. The consignee does not become the owner of the goods even though goods are in his possession. He acts only as agent of the consignor.
- (vi) True: In case the due date of a bill fallsafter the date of closing the account, then no interest is allowed for that. However, interest from the date ofclosing to such due date is written in "Red-Ink" in the appropriate side of the 'Account current'. This interest is called Red-Inkinterest.

(6 x 2 Marks = 12 Marks)

#### (B)

#### Distinction between Money measurement concept and matching concept

As per **Money Measurement concept**, only those transactions, which can be measured in terms of money are recorded. Since money is the medium of exchange and the standard of economic value, this concept requires that those transactions alone that are capable of being measured in terms of money should be recorded in the books of accounts. Transactions and events that cannot be expressed in terms of money are not recorded in the business books.

In **Matching concept**, all expenses matched with the revenue of that period should only be taken into consideration. In the financial statements of the organization if any revenue is recognized then expenses related to earn that revenue should also be recognized.

(4 Marks)

| Statement of Annual Depreciation under N | Machine Hours Rate Method |
|--|---------------------------|
|--|---------------------------|

| Year   | Annual Depreciation  |
|--------|--|
| 1-3    | $\frac{3,000}{24,000}$ X (Rs. 30,00,000 – Rs. 2,00,000) = Rs. 3,50,000 |
| 4 - 6  | $\frac{2,600}{24,000} X (Rs. 30,00,000 - Rs. 2,00,000) = Rs. 3,03,333$ |
| 7 – 10 | $\frac{1,800}{24,000} X (Rs. 30,00,000 - Rs. 2,00,000) = Rs. 2,10,000$ |

#### Answer 2:

| (A) | Bank Reconciliation Statement on 31 <sup>st</sup> March,2017 |
|-----|--|
|-----|--|

Rs.

(4 Marks)

| Bank Ba | alance a | as per Cash Book  |              | 27,570        |
|---------|----------|---|--------------|---------------|
| Add:    | (i)      | Subsidy from government received directly by the bank not   | 10,250       |               |
|         |          | recorded in the Cash Book                                   |              |               |
|         | (iii)    | Debit balance of Rs.2,156 brought forward as credit balance |              |               |
|         |          | on 20 <sup>th</sup> March, 2017 in the CashBook             | 4,312        |               |
|         | (vi)     | Cheque issued returned marked 'out of date'                 | <u>1,725</u> | <u>16,287</u> |
|         |          |   |              | 43,857        |
| Less:   | (ii)     | Cash Book under cast on 15 <sup>th</sup> March, 2017        | 350          |               |
|         | (iv)     | Discount allowed to a customer, however entry made at gross |              |               |
|         |          | amount in the Cash Book                                     | 100          |               |
|         | (v)      | Commission charged by bank on discounting of bill, not      |              |               |
|         |          | considered in Cash Book                                     | 200          |               |
|         | (vii)    | Insurance Premium paid directly by bank under               |              |               |
|         |          | standinginstructions  | 756          |               |
|         | (viii)   | Discounted B/R dishonoured; not entered in Cash Book        | 1,530        |               |
|         | (ix)     | Bank recorded short cash deposit                            | <u>45</u>    | 2,981         |
| Balance | e as per | Bank Statement  |              | <u>40,876</u> |

#### (B)

#### Journal Entries in the books of Mr. Roy

| Date | Particulars            |     | Dr.   | Cr. |
|------|------------------------|-----|-------|-----|
|      |                        |     | Rs.   | Rs. |
| (1)  | Motor Vehicles Account | Dr. | 2,700 |     |

(10 Marks)

| 1    | To Profit and Loss Adjustment A/c                                      |     |        | 2,700  |  |
|------|--|-----|--------|--------|--|
|      | (Purchase of scooter wrongly debited to conveyance                     |     |        |        |  |
|      | account now rectified-capitalisation of Rs. 2,700, i.e.,               |     |        |        |  |
|      | Rs.3,000 less 10% depreciation)  |     |        |        |  |
| (2)  | Suspense Account   | Dr. | 10,000 |        |  |
|      | To Profit & Loss Adjustment A/c  |     |        | 10,000 |  |
|      | (Purchase Account overcast in the previous year; error now rectified). |     |        |        |  |
| (3)  | Profit & Loss Adjustment A/c   | Dr  | 4 000  |        |  |
| (3)  | To P's Account   | 21. | 1,000  | 4 000  |  |
|      | (Credit purchase from P Rs. 2,000, enteredas sales last                |     |        | 4,000  |  |
|      | vear: now rectified)   |     |        |        |  |
| (4)  | B's Account  | Dr. | 1.000  |        |  |
| ( )  | To A's Account   |     | ,      | 1.000  |  |
|      | (Amount received from A wrongly posted to the                          |     |        | _,     |  |
|      | account of B: now rectified)   |     |        |        |  |
| (5)  | Suspense Account   | Dr. | 1.000  |        |  |
| (-)  | To C's Account   |     | ,      | 1.000  |  |
|      | (Rs.500 received from C wrongly debited to his                         |     |        | _,     |  |
|      | account;   |     |        |        |  |
|      | now rectified)   |     |        |        |  |
| (6)  | Trade receivables  | Dr. | 500    |        |  |
|      | To Suspense Account  |     |        | 500    |  |
|      | (Rs. 500 due by Q not taken into trialbalance; now                     |     |        |        |  |
|      | rectified)   |     |        |        |  |
| (7)  | R's Account  | Dr. | 2,000  |        |  |
|      | To Profit & Loss Adjustment A/c  |     |        | 2,000  |  |
|      | (Sales to R omitted last year; now adjusted)                           |     |        |        |  |
| (8)  | Suspense Account   | Dr. | 198    |        |  |
|      | To Profit & Loss Adjustment A/c  |     |        | 198    |  |
|      | (Excess posting to purchase account last year, Rs.                     |     |        |        |  |
|      | 2,593, instead of Rs.2,395, now adjusted)                              |     |        |        |  |
| (9)  | Profit&LossAdjustmentA/c   | Dr. | 10,898 |        |  |
|      | ToRoy's Capital Account  |     |        | 10,898 |  |
|      | (Balance of Profit & Loss Adjustment A/c transferred                   |     |        |        |  |
|      | to   |     |        |        |  |
|      | Capital Account)   |     |        |        |  |
| (10) | Roy's Capital Account  | Dr. | 10,698 |        |  |
|      | To Suspense Account  |     |        | 10,698 |  |
|      | (Balance of Suspense Account transferred to the                        |     |        |        |  |
|      | Capital Account)   |     |        |        |  |

Note : Entries No. (2) and (8) may even be omitted; but this is not advocated.

(7.5 Marks)

#### Profit and Loss Adjustment Account

#### (Prior PeriodItems)

|                             | Rs.    |                       | Rs.    |
|-----------------------------|--------|-----------------------|--------|
| То Р                        | 4,000  | By Motor Vehicles A/c | 2,700  |
| To Roy's Capital (transfer) | 10,898 | By Suspense A/c       | 10,000 |
|                             |        | By R                  | 2,000  |
|                             |        | By Suspense Account   | 198    |
|                             | 14,898 |                       | 14,898 |

#### (1.5 Marks)

| SuspenseAccount                |        |                                     |        |  |  |
|--------------------------------|--------|-------------------------------------|--------|--|--|
|                                | Rs.    |                                     | Rs.    |  |  |
| ToProfit&LossAdjustmentAccount | 10,000 | By Trade Receivables (Q)            | 500    |  |  |
| То С                           | 1,000  | By Roy's Capital Account (Transfer) | 10,698 |  |  |
| ToProfit&LossAdjustmentAccount | 198    |                                     |        |  |  |
|                                | 11,198 |                                     | 11,198 |  |  |

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#### (1 Mark)

#### Answer 3:

#### (A)

#### Books of Manoj

#### **Consignment to Jaipur Account**

| Particulars                | Rs.      | Particulars                   | Rs.      |
|----------------------------|----------|-------------------------------|----------|
| To Goods sent on           | 1,87,500 | By Goods sent on              | 37,500   |
| ConsignmentA/c             |          | Consignment A/c(loading)      |          |
| To Cash A/c                | 15,000   | By Abnormal Loss              | 16,500   |
| To Kiran(Expenses)         | 12,000   | By Kiran(Sales)               | 1,50,000 |
| To Kiran(Commission)       | 16,406   | By Inventories on Consignment | 30,375   |
|                            |          | A/c                           |          |
| To Inventories Reserve A/c | 5,625    | By General Profit & Loss A/c  | 2,156    |
|                            | 2,36,531 |                               | 2,36,531 |

#### (6 Marks)

| Working Notes:   |   |
|--|---|
| 1. Calculationofvalueofgoodssentonconsignment              |   |
| Abnormal Loss atInvoiceprice                               | =Rs. 18,750   |
| Abnormal Loss as a percentage oftotalconsignmen            | t = 10%.  |
| Hence the value of goods sent on consignment = Rs          | 18,750 X 100/ 10 = Rs. 1,87,500                           |
| Loading of goods sent onconsignment = Rs. 1,87,            | 500X25/125 =Rs. 37,500                                    |
| 2. Calculationofabnormalloss(10%):                         |   |
| Abnormal Loss at Invoice price = Rs. 18,750.               |   |
| Abnormal Loss at cost = Rs. 18,750X100/125                 | = Rs.15,000   |
| Add: Proportionate expensesof Manoj(10 % ofRs. 15,00       | )) = <u>Rs. 1,500</u>                                     |
| Rs. 1  | 3,500   |
| 3. CalculationofclosingInventories(15%):                   |   |
| Manoj'sBasic Invoicepriceofconsignment                     | = Rs.1,87,500   |
| Manoj'sexpensesonconsignment                               | = <u>Rs.15,000</u>  |
|  | <u>Rs.2,02,500</u>  |
| Value ofclosing Inventories = 15% ofRs. 2,02,500 = F       | ls. 30,375  |
| Loading in closing Inventories = Rs. 37,500x15/100         | = Rs. 5,625   |
| Where Rs. 28,125 (15% of Rs. 1,87,500) is the basic invoid | e price of the goods sent on consignment remaining unsole |
|  |   |
| 4. Calculation of commission:                              |   |
| Invoice priceof thegoodssold                               | = 75% of Rs. 1,87,500 = Rs.1,40,625                       |
| Excess of selling price overinvoiceprice                   | = Rs. 9,375 ( Rs. 1,50,000 - Rs. 1,40,625)                |
| Totalcommission  | = 10% of Rs. 1,40,625 + 25% of Rs.9,375                   |

- = Rs. 14,062.5 + Rs. 2,343.75
- = Rs. 16,406

(4 x 1 Mark = 4 Marks)

| Journal | Entries | in | the | books | ofAkshay |
|---------|---------|----|-----|-------|----------|
|---------|---------|----|-----|-------|----------|

| 2018     |  |     | Dr.    | Cr.    |
|----------|--|-----|--------|--------|
|          |  |     | (Rs.)  | (Rs.)  |
| Jan. 1   | Bills receivable (No. 1) A/c   | Dr. | 16,000 |        |
|          | Bills receivable (No. 2) A/c   | Dr. | 25,000 |        |
|          | To Vishal A/c  |     |        | 41,000 |
|          | (Being drawing of bills receivable No. 1 due for                               |     |        |        |
|          | maturity on 4.3.2018 and bills receivable No. 2                                |     |        |        |
| March /  | Vishal's A/c   | Dr  | 16,000 |        |
|          | To Bills receivable (No 1) $\Lambda/c$   |     | 10,000 | 16 000 |
|          | (Being the reversal entry for hill No 1 on renewal)                            |     |        | 10,000 |
|          |  |     |        |        |
| March 4  | Bills receivable (No. 3) A/c   | Dr. | 16,400 |        |
|          | To Interest A/c  |     |        | 400    |
|          | To Vishal 's A/c   |     |        | 16,000 |
|          | (Being the drawing of bill of exchange no. 3 due                               |     |        |        |
|          | for maturity on 7.5.2018 together with interest at                             |     |        |        |
|          | 15% p.a. in lieu of the original acceptance of                                 |     |        |        |
|          |  |     |        |        |
| March 25 | Bank A/c   | Dr. | 24,750 |        |
|          | Discount A/c   | Dr. | 250    | 25 000 |
|          | I O BIIIS receivable (No. 2) A/C   |     |        | 25,000 |
|          | (Being the amount received on retirement of bills<br>No.2 before the due date) |     |        |        |
| May 7    | Vishal's A/c   | Dr. | 16,400 |        |
|          | To Bills receivable (No. 3) A/c  |     |        | 16,400 |
|          | (Being the amount due from Vishal on dishonour                                 |     |        |        |
|          | of his acceptanceon presentation on the  |     |        |        |
| May 7    | Denk A /a  | D   | 0 200  |        |
| iviay /  | Dalik A/C  | υr. | 8,200  | 8 200  |
|          | (Boing the amount received from official                                       |     |        | 8,200  |
|          | assignee of Vishal at 50 paise per rupee against                               |     |        |        |
|          | dishonoured bill)  |     |        |        |
| May 7    | Bad debts A/c  | Dr. | 8,200  |        |
|          | To Vishal's A/c  |     |        | 8,200  |
|          | (Being the balance 50% debt in Vishal's  |     |        |        |
|          | Account arising out of dishonoured bill written                                |     |        |        |
|          | off as baddebts)   |     |        |        |

(5 Marks)

#### Taking 10<sup>th</sup>January as the base date

| DueDate                  | Due Date     | No. of days | Amount | Product   |
|--------------------------|--------------|-------------|--------|-----------|
| (Normal)                 | (Actual)     | from 10th   | Rs.    |           |
|                          |              | January     |        |           |
| 10 <sup>th</sup> January | 10th January | 0           | 500    | 0         |
| 26 <sup>th</sup> January | 25th January | 15          | 1,000  | 15,000    |
| 23 <sup>rd</sup> March   | 23rd March   | 72          | 3,000  | 2,16,000  |
| 18 <sup>th</sup> August  | 17th August  | 219         | 4,000  | 8,76,000  |
|                          |              |             | 8,500  | 11,07,000 |

Average Due Date = 10th Jan. +<u>11,07,000</u> = 10th Jan + 131 days = 21st May

| 0500     |            |
|----------|------------|
| January  | 21         |
| February | 28         |
| March    | 31         |
| April    | 30         |
|          | <u>110</u> |

(a) If the payment is made on 18 th Marchrebate will be allowed for unexpired time from 18 th Marchrebate will be allowed for unexpi

Mayi.e., 13+30+21 i.e. for 64 days. He has to pay the discounted value of the total amount.

Discount = 8,500 X  $\frac{8}{100}$  X  $\frac{64}{365}$  = 680 X  $\frac{64}{365}$  = Rs. 119.2

Amount to be paid on 18<sup>th</sup>March= Rs. (8,500 - 119.23) = Rs. 8,380.77

(b) If the payment is deferred to 14<sup>th</sup>July, interest is to be paid from 21<sup>th</sup>May to 14<sup>th</sup>July i.e., for 10+30+14=54days.

Interest == 8,500 X  $\frac{8}{100}$  X  $\frac{54}{365}$  = 680 X  $\frac{54}{365}$  = Rs. 100.6

The amount to be paid on 14<sup>th</sup>July.

Rs.8,500 + 100.6 = 8600.6

(5 Marks)

OR

(C)

## B in Account Current with A for the period ending on 30th June, 2016

| Date    | Particulars     | Amount   | Days | Products | Date    | Particulars      | Amount   | Days | Products |
|---------|-----------------|----------|------|----------|---------|------------------|----------|------|----------|
| 2016    |                 | Rs.      |      |          | 2016    |                  | Rs.      |      |          |
| Jan.1   | To Balance b/d  | 600      | 182  | 1,09,200 | Jan.18  | By Sales Returns | 125      | 164  | 20,500   |
| Jan. 11 | To Sales A/c    | 520      | 171  | 88,920   | Feb. 11 | By Bank A/c      | 400      | 140  | 56,000   |
| Apr. 29 | To Sales A/c    | 615      | 62   | 38,130   | Feb. 14 | By B/R A/c (due  | 300      | 105  | 31,500   |
| June 30 | To Interest A/c | 15.75    |      |          |         | date: March 17)  |          |      |          |
|         |                 |          |      |          | May 15  | By Cash A/c      | 700      | 46   | 32,200   |
|         |                 |          |      |          | June    | By Balanceof     |          |      | 96,050   |
|         |                 |          |      |          | 30      | products         |          |      |          |
|         |                 |          |      |          |         | By Balance c/d   | 225.75   |      |          |
|         |                 | 1,750.75 |      | 2,36,250 |         |                  | 1,750.75 |      | 2,36,250 |

Calculationofinterest:

Interest 
$$=\frac{96,050}{366}$$
 X $\frac{6}{100}$  = Rs. 15.75

(5 Marks)

#### Answer 4:

(A)

#### RevaluationAccount

| 2018    |  |                                | Rs.   | 2018    |                         | Rs.   |
|---------|--|--------------------------------|-------|---------|-------------------------|-------|
| April 1 | To Provision for bad and doubtfuldebts                                     |                                | 535   | April 1 | By Inventory in trade   | 1,400 |
|         | To Furniture and<br>fittings<br>To Capital A/cs:<br>(Profit on revaluation |                                | 720   |         | By Land and<br>Building | 5,600 |
|         | transferred)<br>Dinesh<br>Ramesh<br>Naresh                                 | 2,872.50<br>1,915.00<br>957.50 | 5,745 |         |                         |       |
|         |  |                                | 7,000 |         |                         | 7,000 |

(3 Marks)

#### Partners' Capital Accounts

| Darticulars    | Dinesh    | Ramesh | Naresh    | Suresh | Darticulars                         | Dinesh    | Ramesh | Naresh    | Suresh |
|----------------|-----------|--------|-----------|--------|-------------------------------------|-----------|--------|-----------|--------|
| Particulars    | Rs.       | Rs.    | Rs.       | Rs.    | Particulars                         | Rs.       | Rs.    | Rs.       | Rs.    |
| To Dinesh      |           |        | 1,500     | 4,500  | By Balance b/d                      | 15,000    | 15,000 | 10,000    | -      |
| &              |           |        |           |        |                                     |           |        |           |        |
| Ramesh         |           |        |           |        | By General<br>Reserve               | 3,900     | 2,600  | 1,300     |        |
|                |           |        |           |        | By Cash                             | -         | -      | -         | 8,000  |
| To Balance c/d | 26,972.50 | 21,015 | 10,757.50 | 3,500  | By Naresh& Suresh                   | 4,500     | 1,500  | -         | -      |
|                |           |        |           |        | By Outstanding<br>Liabilities (Ram) | 700       | _      | -         |        |
|                |           |        |           |        | By Revaluation A/c                  | 2,872.50  | 1,915  | 957.5     | -      |
|                | 26,972.50 | 21,015 | 12,257.50 | 8,000  |                                     | 26,972.50 | 21,015 | 12,257.50 | 8,000  |

#### Working Note: Calculation of sacrificingratio

| Partners | New share | Old share | Sacrifice | Gain |
|----------|-----------|-----------|-----------|------|
| Dinesh   | 1⁄4       | 3/6       | 6/24      |      |
| Ramesh   | 1⁄4       | 2/6       | 2/24      |      |
| Naresh   | 1⁄4       | 1/6       |           | 2/24 |
| Suresh   | 1⁄4       |           |           | 6/24 |

#### Entry for goodwilladjustment

| Naresh (2/24 of Rs.18,000)    | Dr. | 1,500 |       |
|-------------------------------|-----|-------|-------|
| Suresh (6/24 of Rs.18,000)    | Dr. | 4,500 |       |
| To Dinesh (6/24 od Rs.18,000) |     |       | 4,500 |
| To Ramesh (2/24 of Rs.18,000) |     |       | 1,500 |

#### Balance Sheet of Dinesh, Ramesh, Naresh and Suresh as on 1 -4-2018

| Liabilities                            | Rs.                   | Rs.    | Assets                     | Rs.    | Rs.    |
|--|-----------------------|--------|----------------------------|--------|--------|
| Trade payables                         |                       | 22,500 | Land and Buildings         |        | 42,600 |
| Outstanding Liabilities<br>(2,200-700) |                       | 1,500  | Furniture                  |        | 6,480  |
| Capital Accounts of<br>Partners:       |                       |        | Inventory of goods         |        | 14,000 |
| Mr. Dinesh                             | 26,972.50             |        | Trade receivables          | 10,700 |        |
| Mr. Ramesh                             | 21,015.00             |        | Less: Provisions           | (535)  | 10,165 |
| Mr. Naresh<br>Mr. Suresh               | 10,757.50<br>3,500.00 | 62,245 | Cash in hand               |        | 2,800  |
|  |                       |        | Cash at Bank (2,200+8,000) |        | 10,200 |
|  |                       | 86,245 |                            |        | 86,245 |

#### (3 Marks)

(B)

(1 Mark)

(1 Mark)

(2 Marks)

## Trading and Profit and Loss Account of Mr. Kumar for the year ended 31stDecember,2017

|  | Rs.          | Rs.      |                     | Rs.      | Rs.      |
|--|--------------|----------|---------------------|----------|----------|
| To Opening stock                               |              | 23,400   | By Sales            | 1,94,800 |          |
| To Purchases                                   | 1,60,850     |          | Less: Returns       | 4,300    | 1,90,500 |
| Add: Omitted                                   | 200          |          | By Closing stock    |          | 39,300   |
| invoice  | 1,61,050     |          |                     |          |          |
| Less: Returns                                  | 2,900        |          |                     |          |          |
|  | 1,58,150     |          |                     |          |          |
| Less: Drawings                                 | <u>300</u>   | 1,57,850 |                     |          |          |
| To Freight & carriage                          |              | 9,800    |                     |          |          |
| To Gross profit c/d                            |              | 38,750   |                     |          |          |
|  |              | 2,29,800 |                     |          | 2,29,800 |
| To Rent and taxes                              |              | 2,350    | By Gross profit b/d |          | 38,750   |
| To Salaries and wages                          |              | 4,650    | By Discount         |          | 2,220    |
| To Bank interest                               | 550          |          |                     |          |          |
| Add: Due                                       | 850          | 1,400    |                     |          |          |
| To Printing and stationary                     | 7,200        |          |                     |          |          |
| Less: Prepaid (1/4)                            | <u>1,800</u> | 5,400    |                     |          |          |
| To Discount allowed                            |              | 900      |                     |          |          |
| To General expenses                            |              | 5,725    |                     |          |          |
| To Insurance                                   |              | 650      |                     |          |          |
| To Postage & telegram<br>expenses              |              | 1,165    |                     |          |          |
| To Travelling expenses                         |              | 435      |                     |          |          |
| To Provision for bad debts                     |              | 575      |                     |          |          |
| [W.N.]   |              |          |                     |          |          |
| To Provision for discount<br>on debtors [W.N.] |              | 219      |                     |          |          |
| To Depreciation on<br>furniture & fittings     |              | 250      |                     |          |          |
| To Net profit                                  |              | 17,251   |                     |          |          |
|  |              | 40,970   |                     |          | 40,970   |

#### Working Note:

| Provision for bad & doubtful debts: |            |
|-------------------------------------|------------|
| @ 5% on Rs. 11,500                  | <u>575</u> |
| Provision for discount:             | 0.10       |
| 2% on Rs. 10,925 (11,500 -575)      | <u>219</u> |

(5 Marks)

(0.5 Mark)

#### (c) MNOP Ltd Balance Sheet

| Liabilities    | Rs.             | Assets       | Rs.             |
|----------------|-----------------|--------------|-----------------|
| Owner equity   | 1,00,000        | Fixed assets | 60,000          |
| Current debt   | 24,000          | Cash         | 60,000          |
| Long term debt | 36,000          | Inventory    | 40,000          |
|                | <u>1,60,000</u> |              | <u>1,60,000</u> |

(2 Marks)

#### **Working Notes**

2.

- Total debt = 0.60 ×Owners equity = 0.60 ×Rs. 1,00,000= Rs.
   60,000Currentdebttototaldebt=0.40,hencecurrentdebt=0.40×60,000=24,000
- Fixed assets = 0.60 ×Owners equity = 0.60 ×Rs. 1,00,000= Rs.60,000
- 3. Total capital employed = Total debt + Owners equity = Rs. 60,000 +Rs. 1,00,000 = Rs.1,60,000
- 4. Total assets consisting of fixed assets and current assets must be equal to Rs. 1,60,000 (Assets = Liabilities + Owners equity). Since Fixed assets are Rs. 60,000, hence, current assets should be Rs.1,00,000
- 5.  $\frac{\text{Total assets turnover}}{\text{Inventory turnover}} = \frac{2 \text{ Times}}{8 \text{ Times}}$ Hence, Inventory /Total assets = 2/8=1/4, Total assets = 1,60,000 Therefore Inventory = 1,60,000/4 = 40,000 Balance on Asset side = 1,20,000: Cash = 1,60,000 - 60,000 - 40,000 = 60,000

(2.5 Marks)

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#### Answer 5:

#### (A)

#### Income and Expenditure Account for the

#### yearended 31<sup>st</sup>March,2019

|   | Rs.             |                          | Rs.             |
|---|-----------------|--------------------------|-----------------|
| To Medicines consumed                   |                 | By Prescription fees     | 3,30,000        |
| Purchases 1,22,500                      |                 | By Visiting fees         | 1,25,000        |
| Less:ClosingStock <u>(47,500)</u>       | 75,000          | By Fees from<br>lectures | 12,000          |
| To Motor car expense (60,000 x 2/3)     | 40,000          |                          |                 |
| To Salaries (Rs. 52,500 – Rs.15,000)    | 37,500          |                          |                 |
| To Rent for clinic                      | 30,000          |                          |                 |
| To General charges                      | 24,500          |                          |                 |
| To Interest on loan                     | 18,000          |                          |                 |
| To Excess of Income over<br>expenditure | <u>2,42,000</u> |                          |                 |
|   | <u>4,67,000</u> |                          | <u>4,67,000</u> |

(4.5 Marks)

#### Capital Account for the year ended 31<sup>st</sup>March, 2019

|                                   | Rs.             |                             | Rs.             |
|-----------------------------------|-----------------|-----------------------------|-----------------|
| To Drawings:                      |                 | By Cash/bank                | 1,00,000        |
| Motor car expenses                | 20,000          | By Cash/bank (pension)      | 1,50,000        |
| Household expenses                | 90,000          | By Net income from practice | 2,42,000        |
| Marriage expenses                 | 1,07,500        | (derived from income        |                 |
| To Salary of domestic<br>servants | 15,000          | and expenditure a/c)        |                 |
| To Household furniture            | 12,500          |                             |                 |
| To Balance c/d                    | <u>2,47,000</u> |                             |                 |
|                                   | <u>4,92,000</u> |                             | <u>4,92,000</u> |

(3 Marks)

#### Balance Sheet as on 31<sup>st</sup>March, 2019

| Liabilities | Rs.             | Assets             | Rs.             |
|-------------|-----------------|--------------------|-----------------|
| Capital     | 2,47,000        | Motor car          | 1,60,000        |
| Loan        | 1,50,000        | Surgical equipment | 1,25,000        |
|             |                 | Stock of medicines | 47,500          |
|             |                 | Cash at bank       | 55,000          |
|             |                 | Cash in hand       | <u> </u>        |
|             | <u>3,97,000</u> |                    | <u>3,97,000</u> |

(2.5 Marks)

#### In the Books of Mr. Vimal

#### $Manufacturing Account for the Year ended {\tt 30.6.2016}$

| Particulars                     |            | Units  | Amount    | Particulars                     | Units    | Amount    |  |
|---------------------------------|------------|--------|-----------|---------------------------------|----------|-----------|--|
|                                 |            |        | Rs.       |                                 |          | Rs.       |  |
| To Opening Work- in-<br>Process |            | 10,000 | 16,000    | By Closing Work- in-<br>Process | 12,000   | 20,000    |  |
| To Raw Materials<br>Consumed:   |            |        |           | By Trading A/c –<br>Cost of     | 5,00,000 | 19,00,800 |  |
| Opening inventory               | 1,70,000   |        |           | finished                        |          |           |  |
| Add: Purchases                  |            |        |           | goods transferred               |          |           |  |
|                                 | 8,20,000   |        |           |                                 |          |           |  |
|                                 | 9,90,000   |        |           |                                 |          |           |  |
| Closing Inventory               | (1,90,000) |        | 8,00,000  |                                 |          |           |  |
| To Direct Wages                 |            |        |           |                                 |          |           |  |
| – W.N.(1)                       |            |        | 4,04,800  |                                 |          |           |  |
| To Direct expenses:             |            |        |           |                                 |          |           |  |
| Hire charges                    |            |        |           |                                 |          |           |  |
| on Machinery                    |            |        |           |                                 |          |           |  |
| – W.N. (3)                      |            |        | 3,00,000  |                                 |          |           |  |
| To Indirect expenses:           |            |        |           |                                 |          |           |  |
| Hire charges of                 |            |        |           |                                 |          |           |  |
| Factory Shed                    |            |        | 2,20,000  |                                 |          |           |  |
| Repairs Maintenance             |            |        | 1,80,000  |                                 |          |           |  |
|                                 |            |        | 19,20,800 |                                 |          | 19,20,800 |  |

(4 Marks)

(B)

Working Notes :

| Dr. balance              | Rs.      | Cr. balance                      | Rs.      |
|--------------------------|----------|----------------------------------|----------|
|                          |          |                                  |          |
| Purchases                | 1,50,000 | Capital                          | 1,00,000 |
| Sales return             | 1,000    | Sales                            | 1,66,000 |
| Discount allowed         | 2,000    | Trade payables                   | 25,000   |
| Expenses                 | 10,000   | Interest received on investments | 1,500    |
| Trade receivables        | 75,000   |                                  |          |
| Investments              | 15,000   |                                  |          |
| Cash at bank and in hand | 37,000   |                                  |          |
| Insurance paid           | 2,500    |                                  |          |
| Total                    | 2,92,500 |                                  | 2,92,500 |

#### Trial Balance of Anuradha Traders as on 31.03.2016

#### Answer 6:

#### (A)

#### (i) Journal Entries in the books of X Ltd.

| Date |   |     | Dr.   | Cr.   |
|------|---|-----|-------|-------|
|      |   |     | Rs.   | Rs.   |
| (a)  | Equity Share Capital A/c  | Dr. | 3,000 |       |
|      | To Equity Share Allotment money A/c<br>(300 x Rs.3)   |     |       | 900   |
|      | To Equity Share Final Call A/c (300 x Rs.4)   |     |       | 1,200 |
|      | To Forfeited Shares A/c (300 x Rs. 3)   |     |       | 900   |
|      | (Being the forfeiture of 300 equity shares of Rs. 10 each for non-payment of allotment money and final call, held by Ramesh as per Board's resolutionNodated) |     |       |       |
| (b)  | BankAccount (300 x8)  | Dr. | 2,400 |       |
|      | Forfeited Shares Account (300x 2)   | Dr. | 600   |       |
|      | To Equity Share Capital Account   |     |       | 3,000 |
|      | (Being the re-issue of 300 forfeited shares @<br>Rs. 8 each as fully paid up to Suresh<br>asper   |     |       |       |
|      | Board'sresolutionNodated)   |     |       |       |
| (c)  | Forfeited Shares Account  | Dr. | 300   |       |
|      | To Capital Reserve Account  |     |       | 300   |
|      | (Being the profit on re-issue, transferred to capitalreserve)   |     |       |       |

(3 Marks)

(C)

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(5 Marks)

| Date   |  |     | Dr    | Cr    |
|--------|--|-----|-------|-------|
| Duto   |  |     | Rs.   | Rs.   |
| (a)    | Equity Share Capital A/c (200 x Rs. 7)   | Dr. | 1,400 |       |
|        | To Equity Share First Call A/c (200 x Rs. 2)   |     |       | 400   |
|        | To Forfeited Shares A/c (200 x Rs. 5)  |     |       | 1,000 |
|        | (Being the forfeiture of 200 equity shares of Rs. 10/- (Rs.7 called up) for non-payment of first call @ Rs. 2/- per share as per Board Resolution Nodated) |     |       |       |
| (b)    | Bank Account   | Dr. | 900   |       |
|        | Forfeited Shares Account   | Dr. | 600   |       |
|        | To Equity Share Capital Account  |     |       | 1,500 |
|        | (Being the re-issue of 150 forfeited shares as<br>fully paid up as per Board's resolution<br>No)   |     |       |       |
| (C)    | Forfeited Shares Account   | Dr. | 150   |       |
|        | To Capital Reserve Account   |     |       | 150   |
|        | (Being the profit on re-issue, transferred to capital reserve)   |     |       |       |
| Workin | g Note:  |     |       |       |

| Balanceinforfeitedsharesaccountonforfeitureof150shares(150x5) | <b>Rs.</b> 750  |
|---|-----------------|
| Less: Forfeiture of150shares                                  | <u>(Rs.600)</u> |
| Profit on re-issueofshares                                    | <u>Rs.150</u>   |

(iii)

| Date |  |     | Dr. | Cr. |
|------|--|-----|-----|-----|
|      |  |     | Rs. | Rs. |
| (a)  | Equity Share Capital A/c (100 x Rs. 6)   | Dr. | 600 |     |
|      | To Equity Share Final Call A/c (100 x Rs. 3)   |     |     | 300 |
|      | To Discount on issue of shares (100 x Rs. 1)   |     |     | 100 |
|      | To Forfeited Shares A/c (100 x Rs. 2)  |     |     | 200 |
|      | (Being the forfeiture of 100 equity shares issued<br>at a discount as per Board's resolution<br>Nodated) |     |     |     |
| (b)  | BankAccount (80 x Rs.6)  | Dr. | 480 |     |
|      | Discount on issue of shares (80 x Rs. 1)   | Dr. | 80  |     |
|      | Forfeited Shares A/c (80 x Rs. 1)  | Dr. | 80  |     |
|      | To Equity Share Capital Account (80 x Rs.8)  |     |     | 640 |
|      | (Being the re-issue of 80 shares fully paid up as per Board'sResolutionNodated)                          |     |     |     |
| (C)  | Forfeited Shares Account   |     | 80  |     |
|      | To Capital Reserve Account   |     |     | 80  |
|      | (Being the profit on re-issue, transferred to capitalreserve)  |     |     |     |

(ii)

(3.5 Marks)

#### Working Note:

Balance in forfeited shares account on forfeiture of 100 shares (100 x 2) Rs. 200.00 Forfeited shares

| balance for80shares         | Rs.160            |
|-----------------------------|-------------------|
| Less: Forfeiture of80shares | <u>(Rs.80.00)</u> |
| Profit on re-issueofshares  | Rs.80.00          |

**Note:** It may be noted that the facts given in the question are not in compliance with Companies Act, 2013. As per Section 53 of Companies Act, 2013 a company cannot issue shares at discount except for in case of sweat equity shares and therefore any issue on discount by the company is void. However, the above answer has been given strictly based on the information provided in thequestion.

#### (3.5 Marks)

#### (B)

Total amount of discount comes to Rs. 60,000 (Rs. 0.6 X 1, 00,000). The amount of discount to be written-off in each year is calculated as under:

| Year end                                  | Debentures             | Ratio in which discount | Amount of discount to be                         |  |  |
|---|------------------------|-------------------------|--|--|--|
| Outstanding to be written-off written-off |                        |                         | written-off                                      |  |  |
| 1st                                       | <u>Rs</u> . 10, 00,000 | 1/5                     | 1/5th of Rs. 60,000 = Rs. 12,000                 |  |  |
| 2nd                                       | <u>Rs</u> . 10, 00,000 | 1/5                     | 1/5th of Rs. 60,000 = Rs. 12,000                 |  |  |
| 3rd                                       | <u>Rs</u> . 10, 00,000 | 1/5                     | 1/5th of <u>Rs</u> . 60,000 = <u>Rs</u> . 12,000 |  |  |
| 4th                                       | Rs. 10, 00,000         | 1/5                     | 1/5th of Rs. 60,000 = Rs. 12,000                 |  |  |
| 5th                                       | Rs. 10, 00,000         | 1/5                     | 1/5th of <u>Rs</u> . 60,000 = <u>Rs</u> . 12,00  |  |  |

#### (5 Marks)

#### (C) Statement of Valuation of Stock on 31<sup>St</sup>March,2018

|       |  | Rs.          | Rs.           |
|-------|--|--------------|---------------|
| Value | of stock as on 15th April, 2018  |              | 50,000        |
| Add:  | Cost of sales during the period from 31 <sup>st</sup> March,<br>2018 to 15th April, 2018 |              |               |
|       | Sales (Rs. 41,000 – Rs.1,000)  | 40,000       |               |
|       | Less: Gross Profit (20% of Rs.40,000)  | <u>8,000</u> | 32,000        |
|       | Cost of goods sent on approval basis   |              |               |
|       | (80% of Rs. 6,000)   |              | 4,800         |
|       |  |              | 86,800        |
| Less: | Purchases during the period from 31 <sup>st</sup> March,2018                             |              |               |
|       | to 15th April,2018   | 5,034        |               |
|       | Unsold stock out of goods received on  |              |               |
|       | consignment basis (30% of Rs.8,000)  | <u>2,400</u> | <u>7,434</u>  |
|       |  |              | <u>79,366</u> |

(5 Marks)