The workings under the heading of **"Additional Working"** are not required according to the requirement of the examiner. These are only for understanding the solutions. For more help, visit www.a4accounting.weebly.com

B.COM – I – ACCOUNTING



Compiled and Solved by: Sameer Hussain

2013

PRIVATE

ACCOUNTING – 2013 PRIVATE

Instructions:

(1) Attempt any FIVE questions. (2) All questions carry equal marks.

(3) Use of calculator is allowed. Do not use abbreviations.

(4) Answers without necessary computations will not be accepted.

Q.No.1 ADJUSTING AND CLOSING ENTRIES

Following data is taken from the books of Rahat Consultation Services:

| Account Title | Unadjusted 1 | rial Balance | Adjusted Trial Balance | | |
|---|--------------|--------------|------------------------|---------|--|
| Cash | 21,700 | | 21,700 | | |
| Accounts receivable | 16,900 | | 16,900 | | |
| Unexpired insurance | 600 | | 550 | | |
| Office supplies | 720 | | 500 | | |
| Land and building | 160,000 | | 160,000 | | |
| Office equipment | 54,000 | | 54,000 | | |
| Accumulated depreciation (Office equipment) | | 195 | | 390 | |
| Accounts payable | | 23,500 | | 23,500 | |
| Unearned consultation fee | | 1,800 | | 1,500 | |
| Sarwar Capital | | 226,420 | | 226,420 | |
| Sarwar Drawings | 1,500 | | 1,500 | | |
| Commission income | | 15,400 | | 15,400 | |
| Advertising expense | 2,500 | | 2,500 | | |
| Sales salaries expense | 9,395 | | 9,575 | | |
| Insurance expense | | | 50 | | |
| Office supplies expense | | | 220 | | |
| Depreciation expense | | | 195 | | |
| Consultation fee earned | | | | 300 | |
| Salaries payable | | | | 180 | |

REQUIRED

- (i) With the help of above trial balances record necessary adjusting entries.
- (ii) Prepare closing entries for the data above.

SOLUTION 1 (i)

RAHAT CONSULTATION SERVICES ADJUSTING ENTRIES FOR THE PERIOD ENDED

| Data | Particulars | | Dahit | Cuadit |
|------|---|-----|-------|--------|
| Date | Particulars | P/R | Debit | Credit |
| 1 | Insurance expense | | 50 | |
| | Unexpired insurance | | | 50 |
| | (To adjust the unexpired insurance) | | | |
| 2 | Office supplies expense | | 220 | |
| | Office supplies | | | 220 |
| | (To adjust the office supplies) | | | |
| 3 | Depreciation expense | | 195 | |
| | Accumulated depreciation (Office equipment) | | | 195 |
| | (To adjust the depreciation expense for the year) | | | |

| Date | Particulars | P/R | Debit | Credit |
|------|---|-----|-------|--------|
| 4 | Unearned consultation fee | | 300 | |
| | Consultation fee earned | | | 300 |
| | (To adjust the unearned consultation fee) | | | |
| 5 | Sales salaries expense | | 180 | |
| | Salaries payable | | | 180 |
| | (To adjust the unpaid salaries) | | | |

SOLUTION 1 (i)

RAHAT CONSULTATION SERVICES CLOSING ENTRIES FOR THE PERIOD ENDED

| | FOR THE PERIOD ENDED | | | |
|------|--|-----|--------|--------|
| Date | Particulars | P/R | Debit | Credit |
| 1 | Expense and revenue summary | | 12,540 | |
| | Advertising expense | | | 2,500 |
| | Sales salaries expense | | | 9,575 |
| | Insurance expense | | | 50 |
| | Office supplies expense | | | 220 |
| | Depreciation expense | | | 195 |
| | (To close the various expense account) | | | |
| 2 | Commission income | | 15,400 | |
| | Consultation fee earned | | 300 | |
| | Expense and revenue summary | | | 15,700 |
| | (To close the various income accounts) | | | |
| 3 | Expense and revenue summary | | 3,160 | |
| | Sarwar Capital | | | 3,160 |
| | (To close the expense and revenue summary account) | | | |
| 4 | Sarwar Capital | | 1,500 | |
| | Sarwar Drawings | | | 1,500 |
| | (To close the drawings account) | | | |
| | | - | | |

Q.No.2 DEPRECIATION

a) Define: (i) Depreciation (ii) Book value (iii) Trade in allowance
b) Noman Industries Ltd. prepares its financial statements on December 31 each year. At December 31, 2012 following balances were reported:

| | Machine A | Machine B |
|--------------------------|-----------|-----------|
| Cost | 450,000 | 300,000 |
| Accumulated depreciation | (180,000) | (45,000) |
| Net book value | 270,000 | 255,000 |

From January 1, 2013 directors decided to change the depreciation method from Diminishing Balance to Straight Line. At this date salvage value and useful life of machine "A" were estimated Rs.10,000 and 5 years, while those of machine "B" Rs.3,000 and 6 years. On September 30, 2013 machine "A" was sold for Rs.255,000.

REQUIRED

- (1) Prepare journal entries to record depreciation and disposal of machine "A" on September 30.
- (2) Prepare journal entry to record the deprecation of machine "B" for the year ended December 31, 2013.
- (3) Prepare balance sheet on December 31, 2013.

SOLUTION 2 (a)

(i) Depreciation:

A noncash expense that reduces the value of an asset as a result of wear and tear, age, or obsolescence. Most assets lose their value over time (in other words, they depreciate), and must be replaced once the end of their useful life is reached. There are several accounting methods that are used in order to write off an asset's depreciation cost over the period of its useful life. Because it is a non-cash expense, depreciation lowers the company's reported earnings while increasing free cash flow.

(ii) Book Value:

The value at which an asset appears in the books of organization (usually as at the date of the last balance sheet) is called book value. This is the purchase cost or latest revaluation less any depreciation applied since purchase or revaluation.

Book value = Cost – Allowance for depreciation

(iii) Trade in Allowance:

Trade in allowance is the amount the dealer agrees to pay for a used, trade-in vehicle, which consumers often apply towards the purchase of a new vehicle.

SOLUTION 2 (b) Machine – A:

| <u>Machine – A:</u> | | | | | | |
|--|--|-----------------------------|--------|--|--|--|
| Computation of Revised Depreciation Expense | <u>e by Straight Line Me</u> | <u>thod:</u> | | | | |
| Cost + Extra ordina | Cost + Extra ordinary repairs – Allowance for depreciation–Salvage value | | | | | |
| Annual depreciation = | Revised life / Remaining life in years | | | | | |
| 450,000 + 0 - 18 | 0,000 – 10,000 | - , | | | | |
| Annual depreciation = 5 | | | | | | |
| Annual depreciation = Rs.52,000 | | | | | | |
| Depreciation expense for the period 30 Septer | nber 2013 = | 52,000 x 9/12 = | 39,000 | | | |
| , | | , i | , | | | |
| Computation of Gain or Loss on Sale: | | | | | | |
| Cost of machine – A | 450,000 | | | | | |
| Less: Allowance for depreciation upto date | (219,000) | | | | | |
| Book value | 231,000 | | | | | |
| Less: Sold for | (225,000) | | | | | |
| Loss on sale | 6,000 | | | | | |
| | | | | | | |
| Machine – B: | | | | | | |
| <u>Computation of Revised Depreciation Expense</u> | hy Straight Line Me | thad | | | | |
| | | ce for depreciation–Salvage | | | | |
| | Revised life / Remain | | | | | |
| 300,000 + 0 - 4 | | ing ine in years | | | | |
| Annual depreciation = | 5,000 - 5,000 | | | | | |
| 6 | | | | | | |
| Annual depreciation = Rs.42,000 | - h - n 2012 | | 42.000 | | | |
| Depreciation expense for the period 31 Decem | iber 2013 = | | 42,000 | | | |
| | | | | | | |

NOMAN INDUSTRIES LTD. GENERAL JOURNAL

| Date | Particulars | P/R | Debit | Credit |
|---------|---|-----|---------|---------|
| Sep. 30 | Depreciation expense | | 39,000 | |
| 2013 | Allowance for depreciation (Machine – A) | | | 39,000 |
| | (To record the depreciation expense on machine A) | | | |
| Sep. 30 | Cash | | 225,000 | |
| 2013 | Allowance for depreciation (Machine – A) | | 219,000 | |
| | Loss on sale | | 6,000 | |
| | Machine – A | | | 450,000 |
| | (To record the sale of machine A on loss) | | | |
| Dec. 31 | Depreciation expense | | 42,000 | |
| 2013 | Allowance for depreciation (Machine – B) | | | 42,000 |
| | (To record the depreciation expense on machine B) | | | |

NOMAN INDUSTRIES LTD. BALANCE SHEET AS ON 31 DECEMBER 2013

| | AS ON SI DEC | LEWIDER 2015 |
|----------------------------------|--------------|--------------|
| Assets | | Equities |
| Machine – B | 300,000 | |
| Less: Allowance for depreciation | (87,000) | |
| | 213,000 | |
| | | |

Q.No.3 PARTNERSHIP – ADMISSION

Affan and Ayyan are partners. Their profit and loss sharing ratio is 2:3. Their financial position on June 30, 2013 was as under:

| ALI & BROS. |
|--------------------|
| POSITION STATEMENT |
| JUNE 30, 2013 |

| | | | -, | |
|--------------|-----|---------|------------------|---------|
| Ass | ets | | Equities | |
| Cash | | 75,000 | Accounts payable | 50,000 |
| Other assets | | 425,000 | Affan Capital | 150,000 |
| | | | Ayyan Capital | 300,000 |
| Total | | 500,000 | Total | 500,000 |

On June 30 their income summary account showed a debit balance of Rs.75,000. On July 5, partners decided to admit Mr. Ahmed as a new partner for 2/5 interest in firm.

REQUIRED

Taking in consideration all above information record the admission of Mr. Ahmed, in general Journal:

- (a) If he invests Rs.275,000 and is credited with his entire investment.
- (b) If he brings cash and land Rs.20,000 and Rs.150,000 respectively.

SOLUTION 3

ALI & BROS. **GENERAL JOURNAL**

| Date | Particulars | P/R | Debit | Credit |
|---------|--|-----|--------|--------|
| June 30 | Affan Capital (75,000 x 2/5) | | 30,000 | |
| 2013 | Ayyan Capital (75,000 x 3/5) | | 45,000 | |
| | Income summary | | | 75,000 |
| | (To record the distribution of net loss) | | | |

<u>Case – (a):</u>

| <u>Computation by Goodwill Method: (Goodwill to Old Partners):</u> | |
|--|-----------|
| For 2/5 interest, Ahmed's investment | 275,000 |
| Therefore total capital of firm (275,000 x 5/2) | 687,500 |
| For 3/5 interest, old partners' capital (687,500 x 3/5) | 412,500 |
| Less: Old partners' capital before admission (120,000 + 255,000) | (375,000) |
| Goodwill to old partners | 37,500 |

ALI & BROS.

| GENERAL | JOURNAL |
|---------|---------|
|---------|---------|

| Data | Destitution | D /D | D . I. 'I | C |
|-------------------|--|------|-----------|---------|
| Date | Particulars | P/R | Debit | Credit |
| July 5 | Cash | | 275,000 | |
| 2013 | Ahmed Capital | | | 275,000 |
| | (To record the admission of Ahmed) | | | |
| July 5 | Goodwill | | 37,500 | |
| 2013 | Affan Capital (37,500 x 2/5) | | | 15,000 |
| | Ayyan Capital (37,500 x 3/5) | | | 22,500 |
| | (To record the distribution of goodwill) | | | |
| | | | | |
| <u> Case – (l</u> | <u>p):</u> | | | |
| Charles | | | | |

| <u>Check:</u> | | |
|---|-----------|-----------|
| Ahmed's investment (20,000 + 150,000) | 170,000 | |
| Opposite ratio of Ahmed | X 5/2 | |
| Total capital of firm | 425,000 | - |
| Less: Old partners' capital (120,000 + 255,000) | (375,000) | |
| Less: Ahmed's investment | (170,000) | |
| Negative value shows that goodwill goes to Ahmed | (120,000) | |
| Computation: (Goodwill to Ahmed): | | - |
| For 3/5 interest, old partners' capital (120,000 + 255,000) | | 375,000 |
| Therefore total capital of firm (375,000 x 5/3) | | 625,000 |
| For 2/5 interest, Ahmed's Capital (625,000 x 2/5) | - | 250,000 |
| Less: Ahmed's investment | | (170,000) |
| Goodwill to Ahmed | - | 80,000 |

| ALI & BROS. |
|-----------------|
| GENERAL JOURNAL |

| | GENERALJOORINAL | | | |
|--------|------------------------------------|-----|---------|---------|
| Date | Particulars | P/R | Debit | Credit |
| July 5 | Cash | | 20,000 | |
| 2013 | Land | | 150,000 | |
| | Goodwill | | 80,000 | |
| | Ahmed Capital | | | 250,000 |
| | (To record the admission of Ahmed) | | | |

Q.No.4 ACCOUNTS RECEIVABLE

a) Following is the accounts receivable ledger of Faisal Ltd.:

| | ACCOUNTS I | RECEIVABLES | | |
|-------------------------------|-----------------------|-------------------|-----------------------|---------|
| Opening balance | 705,600 | Written off | | 27,500 |
| Sales | 370,000 | Collections | | 300,000 |
| During the year company recor | dad caloc of Pc 47E 0 | 00 including cacl | h calos of Rs 105 000 | |

During the year company recorded sales of Rs.475,000 including cash sales of Rs.105,000. **REQUIRED**

Using the above information you are required to prepare adjusting entries for each of the following assumptions separately. Company uses balance sheet approach to estimate bad debts @ 5% accounts receivable at end:

- (a) The allowance for doubtful accounts has a credit balance of Rs.12,672.
- (b) The allowance for doubtful accounts has a debit balance of Rs.4,262.

b) Asad & Sons uses income statement approach to estimate bad debts. On April 1 accounts receivable amounted Rs.600,000 and allowance for doubtful accounts account had a credit balance of Rs.3,000. It was estimated that uncollectible accounts expense would amount to 1/4 of 2% of net credit sales made during the month. During April total sales amounted to Rs.750,000 including 20% cash sales. On April 20, an accounts receivable of Mr. Arshad of Rs.11,000 was written off. **REQUIRED**

(i) Record the adjusting entry for doubtful debts on April 30.

(ii) Prepare partial balance sheet.

SOLUTION 4 (a)

FAISAL LTD. GENERAL LEDGER

| | Accounts Receive | able | |
|-------------|------------------|-------------|-----------|
| Balance | 705,600 | Written off | 27,500 |
| Sales | 370,000 | Collection | 300,000 |
| | | | 327,500 |
| | | c/d balance | 748,100 |
| | 1,075,600 | | 1,075,600 |
| b/d balance | 748,100 | | |

| <u>Case (a):</u> | 0 |
|---|----------|
| Computation of Bad Debts Expense: | |
| Accounts receivable | 748,100 |
| Rate of bad debts | 5% |
| Allowance for bad debts closing balance | 37,405 |
| Less: Allowance for bad debts opening balance | (12,672) |
| Bad debts expense for the period | 24,733 |

FAISAL LTD.

| | GENERAL JOURNAL | | | |
|-------------------|--|-----|--------|--------|
| Date | Particulars | P/R | Debit | Credit |
| 1 | Bad debts expense | | 24,733 | |
| | Allowance for doubtful accounts | | | 24,733 |
| | (To record the bad debts expense for the period) | | | |
| | | | | |
| <u> Case (b):</u> | | | | |

| Computation of Bad Debts Expense: | |
|--|---------|
| Accounts receivable | 748,100 |
| Rate of bad debts | 5% |
| Allowance for bad debts closing balance | 37,405 |
| Add: Allowance for bad debts opening balance | 4,262 |
| Bad debts expense for the period | 41,667 |

FAISAL LTD.

GENERAL JOURNAL

| Date | Particulars | P/R | Debit | Credit |
|---------|--|-----|--------|--------|
| 1 | Bad debts expense | | 41,667 | |
| | Allowance for doubtful accounts | | | 41,667 |
| | (To record the bad debts expense for the period) | | | |
| SOLUTIO | DN 4 (b) | | | |

SOLUTION 4 (b)

| Computation of Bad Debts Expense: | |
|-----------------------------------|-----------|
| Sales | 750,000 |
| Less: Cash sales (750,000 x 20%) | (150,000) |
| Net credit sales | 600,000 |
| Rate of bad debts | 2% x 1/4 |
| Bad debts expense for the period | 3,000 |

ASAD & SONS

GENERAL JOURNAL

| Date | Particulars | P/R | Debit | Credit |
|---------------------------------|--|-----|-------|--------|
| Apr. 30 | Bad debts expense | | 3,000 | |
| Allowance for doubtful accounts | | | | 3,000 |
| | (To record the bad debts expense for the period) | | | |

| | | | a raccounting | e notinan.com |
|-------------------------------------|------------------|--------------|-------------------|---------------|
| | Accounts I | Receivable | | |
| Balance | 600,000 | | Written off | 11,000 |
| Sales | 600,000 | | c/d balance | 1,189,000 |
| | 1,200,000 | | | 1,200,000 |
| b/d balance | 1,189,000 | | | |
| | Allowance for De | oubtful Acco | unts | |
| Accounts receivable | 11,000 | | Balance | 3,000 |
| | | | Bad debts expense | 3,000 |
| | | | c/d balance | 5,000 |
| | 11,000 | | | 11,000 |
| b/d balance | 5,000 | | | |
| | | | | |
| | ASAD 8 | & SONS | | |
| | BALANC | E SHEET | | |
| | AS ON A | APRIL 30 | | |
| Assets | | | Equities | |
| Accounts receivable | 1,189,000 | | | |
| Add: Allowance for doubtful account | t <u>5,000</u> | | | |
| | 1,194,000 | | | |
| | 1,10,1000 | | | |

Q.No.5 PARTNERSHIP – RETIREMENT

Salman Enterprises is a partnership of three friends, specialized in building construction. At the end of financial year the firm had the following balance sheet:

SALMAN ENTERPRISES BALANCE SHEET JUNE 30, 2013

| Assets | | | Equities | | |
|-----------------------|--|---------|-------------------|---------|--|
| Cash | | 175,000 | Liabilities | 198,000 | |
| Accounts receivable | | 67,000 | Munawwar Capital | 264,000 | |
| Land and building | | 470,000 | Muzafrar Capital | 180,000 | |
| Furniture and fixture | | 98,000 | Musharraf Capital | 168,000 | |
| | | 810,000 | | 810,000 | |

Partners share profit and loss in the ratio of 50%, 30% and 20% respectively. It is agreed that Musharraf is to retire from business on this date.

REQUIRED

Considering the following cases separately prepare journal entry to record the retirement of Mr. Musharraf:

- Case 1: Musharraf sells 1/4 of his interest to Muzaffar and balance of his interest is settled in cash.
- Case 2: Musharraf agrees to accept land worth Rs.150,000 and cash Rs.20,000 as full and final settlement of his interest. Remaining partners are not ready to reduce their capital.
- Case 3: Before retirement of Musharraf partners agree on following revaluations:
 - 1. Land revalued at Rs.590,000.
 - 2. Furniture and fixture revalued at Rs.90,000.

Musharraf is paid Rs.175,000 in cash as full and final settlement.

SOLUTION 5

<u> Case – 1:</u>

SALMAN ENTERPRISES GENERAL JOURNAL

| Date | Particulars | P/R | Debit | Credit |
|---------|---|-----|---------|---------|
| June 30 | Musharraf Capital | | 168,000 | |
| 2013 | Muzaffar Capital (168,000 x 1/4) | | | 42,000 |
| | Cash | | | 126,000 |
| | (To record the retirement of Musharraf) | | | |

<u>Case – 2:</u>

<u>Computation – Goodwill Method:</u> Musharraf Capital Less: Paid to Musharraf (150,000 + 20,000) Excess paid to Musharraf **Total goodwill of firm (2,000 x 100/20)**

| 168,000 | | | | |
|-----------|--|--|--|--|
| (170,000) | | | | |
| 2,000 | | | | |
| 10,000 | | | | |

SALMAN ENTERPRISES GENERAL JOURNAL

| | GENERAL JOORNAL | | | |
|---------|--|-----|---------|---------|
| Date | Particulars | P/R | Debit | Credit |
| June 30 | Goodwill | | 100,000 | |
| 2013 | Munawwar Capital (10,000 x 50%) | | | 5,000 |
| | Muzaffar Capital (100,000 x 30%) | | | 3,000 |
| | Muzaffar Capital (100,000 x 20%) | | | 2,000 |
| | (To record the distribution of goodwill) | | | |
| June 30 | Musharraf Capital | | 170,000 | |
| 2013 | Land | | | 150,000 |
| | Cash | | | 20,000 |
| | (To record the retirement of Musharraf) | | | |

<u>Case – 3:</u>

SALMAN ENTERPRISES

GENERAL JOURNAL

| Date | Particulars | P/R | Debit | Credit |
|------|--|-----|---------|---------|
| 1 | Land and building | | 120,000 | |
| | Revaluation | | | 120,000 |
| | (To record the revaluation of land and building) | | | |
| 2 | Revaluation | | 8,000 | |
| | Allowance for depreciation (Furniture & fixture) | | | 8,000 |
| | (To record the revaluation of furniture and fixture) | | | |
| 3 | Revaluation | | 112,000 | |
| | Munawwar Capital (112,000 x 50%) | | | 56,000 |
| | Muzaffar Capital (112,000 x 30%) | | | 33,600 |
| | Muzaffar Capital (112,000 x 20%) | | | 22,400 |
| | (To record the distribution of gain on revaluation) | | | |

<u>Computation – Bonus Method:</u> Musharraf Capital (168,000 + 22,400) Less: Paid to Musharraf **Bonus to old partners**

190,400 (175,000) **15,400**

SALMAN ENTERPRISES GENERAL JOURNAL

| Date | Particulars | P/R | Debit | Credit |
|---------|---|-----|---------|---------|
| June 30 | Musharraf Capital | | 190,400 | |
| 2013 | Munawwar Capital (15,400 x 5/8) | | | 9,625 |
| | Muzaffar Capital (15,400 x 3/8) | | | 5,775 |
| | Cash | | | 175,000 |
| | (To record the retirement of Musharraf) | | | |

Q.No.6 BANK RECONCILIATION

- a) Answer the following:
 - (1) Why bank reconciliation statement is prepared?
 - (2) Is the bank reconciliation a part of financial statement?
 - (3) Briefly explain: (i) Outstanding cheque (ii) unpresented cheque (iii) NSF cheque

b) The information listed below is available in reconciling bank balance for the Sona Chandi Co. on December 31, 2013:

- 1. The bank statement at December 31 indicated a balance of Rs.10,034.70, however bank account showed a balance of Rs.12,761.94.
- 2. Cash receipts of Rs.5,846.20 deposited into bank at December 31 did not appear among the deposits.
- 3. Out of cheque issued in December two cheque amounted to Rs.1,938.56 were not included among the paid cheque.
- 4. A service charge for Rs.40 by error deducted by the bank from the account of Sona Chandi Co. instead of Chandi Co.
- 5. The paid cheque returned by bank disclosed an error that a cheque of Rs.504 had been recorded as Rs.50.40 in cash book.
- 6. A cheque for Rs.220 returned by bank marked as NSF cheque.
- 7. On December 31, the Co. received a memorandum from bank indicating that the note of Rs.1,904 had been collected.
- 8. A debit memo for Rs.10 was enclosed with paid cheques for issuance of Co.'s cheque book. **REQUIRED**

Prepare a bank reconciliation statement and adjusting entries for Sona Chandi Co.

SOLUTION 6 (a)

- Bank Reconciliation Statement is prepared in every organization after receiving the bank statement is not supposed to agree. After of the said statement, the balance should be equal. Bank reconciliation statement is prepared to reconcile the cash book balance with the bank statement balance.
- (2) No, bank reconciliation statement is not a part of financial statements. Financial statements include income statement, balance sheet, cash flow statement, statement of changes in equity.

(3) <u>Outstanding Cheque:</u> Cheques written by an entity that have not yet cleared the bank.
<u>Unpresented Cheque:</u> Cheques issued by the company to the supplier but have not yet been presented to the bank by the supplier.
<u>NSF Cheque:</u> A cheque which is not paid by a bank when it is presented for payment

because there is not enough money in the person's account to pay the cheque called not sufficient fund.

SOLUTION 6 (b)

SONA CHANDI CO. BANK RECONCILIATION STATEMENT FOR THE MONTH ENDED 31 DECEMBER 2013

| Particulars | Cash Book | Pass Book |
|--|-----------|------------|
| Balance on 31 December 2013 | 12,761.94 | 10,034.70 |
| Add: Uncleared cheque (2) | | 5,846.20 |
| Less: Outstanding cheque (3) | | (1,938.56) |
| Add: Error by bank for service charges (4) | | 40 |
| Less: Accounts payable (error) (5) | (453.60) | |
| Less: Dishonoured cheque (6) | (220) | |
| Add: Notes receivable (7) | 1,904 | |
| Less: Cheque book charges (8) | (10) | |
| Reconcile balance | 13,982.34 | 13,982.34 |

SONA CHANDI CO. GENERAL JOURNAL FOR THE MONTH ENDED 31 DECEMBER 2013

| Date | Particulars | P/R | Debit | Credit |
|------|--|-----|--------|--------|
| Date | Falticulais | F/N | | Creuit |
| 1 | Bank | | 1,904 | |
| | Notes receivable | | | 1,904 |
| | (To record the increase in bank account) | | | |
| 2 | Accounts payable | | 453.60 | |
| | Accounts receivable | | 220 | |
| | Bank charges | | 10 | |
| | Bank | | | 683.60 |
| | (To record the decrease in bank account) | | | |

Q.No.7 INVENTORY VALUATION

Given below is the data of Amna Mariyam Ltd. for the month of June 30, 2013. The firm uses Periodic Inventory System:

| June 1 | Beginning inventory | 300 units | @ Rs.55 |
|---------|---------------------|-----------|---------|
| June 4 | Purchases | 375 units | @ Rs.58 |
| June 12 | Purchases | 400 units | @ Rs.65 |
| June 20 | Sales | 375 units | @ Rs.60 |
| June 22 | Sales | 175 units | @ Rs.66 |
| June 24 | Purchases | 300 units | @ Rs.70 |
| June 30 | Sales | 200 units | @ Rs.80 |

REQUIRED

- (i) Compute the cost of ending inventory and cost of goods sold at the end of June 30, 2013 under each of the method:
 - (1) LIFO Method (2) FIFO Method (3) Weighted Average Method
- (ii) In your opinion which method is most suitable if company wants to show maximum profits to its shareholders?

SOLUTION 7 (i)

AMNA MARIYAM LTD. SCHEDULE OF UNITS PURCHASED, UNITS SOLD AND UNITS AT END FOR THE PERIOD JUNE 2013

| Date | Description | 11 | nits | Amour | nt (Rs.) |
|---------|---|-----|-------|---------|----------|
| June 1 | Merchandise inventory @ Rs.55 | 01 | 300 | 7111001 | 16,500 |
| June 1 | Add: Units Purchased During the Period: | | 500 | | 10,000 |
| June 4 | Purchased @ Rs.58 each | 375 | | 21,750 | |
| June 12 | Purchased @ Rs.65 each | 400 | | 26,000 | |
| June 24 | Purchased @ Rs.70 each | 300 | | 21,000 | |
| | Total units purchased during the period | | 1,075 | | 68,750 |
| | Total units available for sale | | 1,375 | | 85,250 |
| | Less: Total Units Sold During the Period: | | | | , |
| June 20 | Sold | 375 | | | |
| June 22 | Sold | 175 | | | |
| June 30 | Sold | 200 | | | |
| | Total units sold during the period | | (750) | | |
| | Unsold units at end | | 625 | | |

Computation of Cost of Ending Inventory by FIFO Method (Periodic System):

| 625 | Cost of ending inventory | 42,125 |
|-----|--------------------------|--------|
| 325 | Units @ Rs.65 each | 21,125 |
| 300 | Units @ Rs.70 each | 21,000 |

Computation of Cost of Ending Inventory by LIFO Method (Periodic System):

| 625 | Cost of ending inventory | 35,350 |
|-----|--------------------------|--------|
| 325 | Units @ Rs.58 each | 18,850 |
| 300 | Units @ Rs.55 each | 16,500 |

Computation of Cost of Ending Inventory by Weighted Average Method (Periodic System):

| Average per unit cost = | Total cost of merchandise available for sale |
|----------------------------|--|
| | Total units available for sale |
| Average per unit cost = | <u>85,250</u> |
| | 1,375 |
| Average per unit cost = | Rs.62 |
| Cost of ending inventory = | Unsold units at end x Average per unit cost |
| Cost of ending inventory = | 625 x 62 |
| Cost of ending inventory = | Rs.38,750 |

| Particular | FIFO Method | LIFO Method | Weighted Average Method | |
|------------------------------------|-------------|-------------------|----------------------------|--|
| Merchandise inventory beginning | 16,500 | 16,500 | 16,500 | |
| Add: Purchases | 68,750 | 68,750 | 68,750 | |
| Merchandise available for sale | 85,250 | 85,250 | 85,250 | |
| Less: Merchandise inventory ending | (42,125) | (35 <i>,</i> 350) | (38,750) | |
| Cost of goods sold | 43,125 | 49,900 | 46,500 | |

Computation of Cost of Goods Sold Under Periodic Inventory System:

SOLUTION 7 (ii)

If company wants to show maximum profit to its shareholders, company should follow FIFO Method of inventory valuation because it shows the minimum cost of goods sold which results in maximum profit.

Q.No.8 VOUCHER SYSTEM

Sobia Co. uses a voucher system for all major expenditures. Selected transactions for March 2013 are presented below:

- 1) Issued cheque no.74 for Rs.20,000 in payment of outstanding voucher no.99.
- 2) Issued cheque no.75 for establishment of petty cash fund in the amount of Rs.5,000 (voucher no.101).
- 3) Purchased merchandise for Rs.21,000 from Ali Ltd. on account (voucher no.102). Sobia Company follows perpetual system.
- 4) Returned merchandise worth Rs.1,000 to Ali Ltd. (voucher no.103).
- 5) Issued cheque no.76 in payment of voucher no.103 after deducting 2% cash discount.
- 6) Issued cheque no.77 for travel advance to an employee (voucher no.104) Rs.5,000.
- 7) Signed a 60 day 10% note for Rs.12,000 in payment of outstanding voucher no.100.
- 8) Issued cheque no.78 for Rs.15,600 in settlement of a note payable including interest Rs.600 (voucher no.105).
- 9) Issued cheque no.79 for Rs.200 to reimburse the travel expenses incurred by the employees in excess of travel advance.
- 10) Issued cheque no.80 to reimburse petty cash fund for supplies expense Rs.1,600; conveyance expense Rs.1,100 and entertainment expense Rs.1,400 (voucher no.107).

REQUIRED

Using General Journal form make entries as the case may be in:

(a) Voucher Register (b) Cheque Register

SOLUTION 8 (a)

SOBIA CO. (VOUCHER REGISTER) FOR THE MONTH OF MARCH 2013

| Date | Particulars | P/R | Debit | Credit |
|------|--|-----|--------|--------|
| 1 | No Entry | | | |
| | | | | |
| 2 | Petty cash fund | | 5,000 | |
| | Voucher payable (No. 101) | | | 5,000 |
| | (To record the voucher issued for petty cash fund) | | | |
| 3 | Merchandise | | 21,000 | |
| | Voucher payable (No. 102) | | | 21,000 |
| | (To record the voucher issued for purchase of goods) | | | |

| Date | Particulars | P/R | Debit | Credit |
|------|--|-----|--------|--------|
| 4 | Voucher payable (No. 102) | , | 21,000 | |
| | Merchandise returned | | | 1,000 |
| | Voucher payable (No. 103) | | | 20,000 |
| | (To record the voucher issued for goods returned) | | | |
| 5 | No Entry | | | |
| 6 | Prepaid travelling | | 5,000 | |
| | Voucher payable | | | 5,000 |
| | (To record the voucher issued for prepaid travelling) | | | |
| 7 | No Entry | | | |
| | | | | |
| 8 | Notes payable | | 15,000 | |
| | Interest expense | | 600 | |
| | Voucher payable (No. 105) | | | 15,600 |
| | (To record the voucher issued for notes & interest paid) | | | |
| 9 | Travelling expense | | 200 | |
| | Voucher payable (No. 106) | | | 200 |
| | (To record the voucher issued for travelling expense) | | | |
| 10 | Supplies expense | | 1,600 | |
| | Conveyance expense | | 1,100 | |
| | Entertainment expense | | 1,400 | |
| | Voucher payable (No. 107) | | | 4,100 |
| | (To record the voucher issued to replenish petty cash) | | | |

SOLUTION 8 (b)

SOBIA CO. (CHEQUE REGISTER) FOR THE MONTH OF MARCH 2010

| Date | Particulars | P/R | Debit | Credit |
|------|---|-----|--------|--------|
| 1 | Voucher payable (No. 99) | | 20,000 | |
| | Bank (Ch # 74) | | | 20,000 |
| | (To record the cheque issued for outstanding voucher) | | | |
| 2 | Voucher payable (No. 101) | | 5,000 | |
| | Bank (Ch # 75) | | | 5,000 |
| | (To record the cheque issued for establishment of petty | | | |
| | cash fund) | | | |
| 3 | No Entry | | | |
| | | | | |
| 4 | No Entry | | | |
| | Voucher payable (No. 102) | | 20,000 | |
| 5 | Voucher payable (No. 103) | | 20,000 | 10,000 |
| | Bank (Ch # 76) | | | 19,600 |
| | Purchase discount | | | 400 |
| | (To record the cheque issued for payment to supplier) | | | |
| 6 | Voucher payable (No. 104) | | 5,000 | |
| | Bank (Ch # 77) | | | 5,000 |
| | (To record the cheque issued for prepaid travelling) | | | |

| Date | Particulars | P/R | Debit | Credit |
|------|--|-----|--------|--------|
| 7 | No Entry | | | |
| | | _ | | |
| 8 | Voucher payable (No. 105) | | 15,600 | |
| | Bank (Ch # 78) | | | 15,600 |
| | (To record the cheque issued for notes payable) | | | |
| 9 | Voucher payable (No. 106) | | 200 | |
| | Bank (Ch # 79) | | | 200 |
| | (To record the cheque issued for travelling expense) | | | |
| 10 | Voucher payable (No. 107) | | 4,100 | |
| | Bank (Ch # 80) | | | 4,100 |
| | (To record the cheque issued for replenishment of | | | |
| | petty cash fund) | | | |