## Study Unit 6: Preparation of Financial Statements

## Learning Objectives

By the time, you have finished the chapter you should be able to

1. Prepare a worksheet Including the adjustment of a trial balance
2. Draw up a set of financial statements from a trial, balance plus additional information.
3. Be able to incorporate the adjustments learnt from the previous chapter

## Introduction

The financial, condition and the results of operations of business enterprises are of a major interest to many groups including owners, managers, creditors, government agencies particularly the tax body,
employees and prospective owners and creditors. The financial statements are the outputs of an accounting system. The principal financial statements, together with supplementary statements and schedules, present much of the needed basic information to make sound economic decisions regarding business enterprises.

In the previous chapters, the main areas of double entry bookkeeping that resulted in the trial balance have been covered. Together with this, we looked at the most frequent end of year adjustments. This chapter will bring together an assimilation of all such information and a full set (except for cash-flow statements) of financial statements prepared.

A complete set of financial statements includes the following components:

- Balance sheet
- Income statement
- A statement showing either:
- All changes in equity, or
- Changes in equity other than those arising from capital transaction with owners and distributions to owners. -
- Cash flow statement
- Accounting policies and explanatory notes.

As mentioned earlier, we shall restrict ourselves to the income statement, Statement of changes in equity and the balance sheet for purposes of this paper. The other ones are beyond the scope of this book.

## INCOME STATEMENT

This statement discloses the financial performance of the enterprise during a given year/operating cycle. That is whether the operations of the enterprise resulted in a profit or loss. It is therefore a profitability statement that shows an organization's revenues and expenditures or costs in a particular period ended. This statement is normally prepared before the balance sheet because the ending figure after subtracting expenditures from incomes (net or retained profits/loss) connects the income statement and balance sheet.

Initially it is critical to appreciate that the income statement is part of the double entry book keeping system, whereas the balance sheet is not.

It is easy to be put off by the fact that the income statement is set out in vertical form, whereas other ledger accounts are set out in T account form. However, you must remember that; although not presented as such, the income statement is a ' T account and the double entry principles apply therein as with any other such account. However, presented, the income statement is simply another ' T ' account or ledger account.

The income statement takes the following format.
XYX Income statement for the year ended $\qquad$
Sales revenue
xxxx
Less: Cost of goods/cost of goods
Opening inventory xxx
Add: purchases. xxx
Less: Closing inventory (xxx) xxxx
Gross profit xxxx
Less: Operating expenses e.g
Rent xxx
Electricity xxx
Salaries xxx
Etc $\underline{x x x}$
(xxxx)

Net profit before finance costs and taxation
Finance costs
Net profit before taxation
Taxation
Net profit for the year

XXXX
(xxxx)
xxxx
(xxxx)

XXXX

The income statement has three components: The trading account that ranges from the sales revenue up to the gross profit, the profit and loss account that ranges from gross profit up to net profit for the year. Manufacturing companies have an additional account called the Manufacturing account or manufacturing cost statement. This statement will be given its due treatment in chapter 12.

However, the Income Statement for service firms like National water and sewerage Corporation are slightly different in format. Thus;

XYX Income statement for year ended $\qquad$
Incomes/revenues
Xxxx
Less: Expenditures: $\underline{\text { xxxx }}$
Net incomes before finance costs and taxation xxxx
Finance costs
(xxx)

Net incomes/profit before taxation
Xxxx
Taxation
(xxx)

Net incomes/profit for the year xxxx
Note: Finance costs include items of Interest on loans, overdrafts, debentures; Lease charges and any other costs incurred in raising finances.

Statement of changes in equity
Illustrative Statement of changes in equity Format Based on IAS 1

|  | Share <br> capital | Share <br> premium | Revolution <br> reserve | Translation <br> Reserve | ACC. <br> Profit | Total |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |


| Opening balance | x | X | x | X | x | x |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Changes in accounting <br> policies | - | - | - | - | x | x |
| Restated <br> balance | x | X | x | X | x | x |
| Revaluations | - | - | x | - | - | x |
| Translation differences | - | - | - | X | - | x |
| Net gains or losses not <br> recognized in income <br> statement | - | - | x | X | - | x |
| Net profit for the <br> period | - | - | - | - | x | x |
| Dividends paid | - | - | - | - | $\mathrm{x})$ | $\mathrm{x})$ |
| Issue of share capital | X | X | - | x |  | x |
| Closing balance | X | X | x | x | x | x |

A comparative statement for. the prior period must also be republished.
Adjustments to the opening balance figures for changes in accounting policy appear first. The correction a fundamental error would appear in the same position. The order of the remaining items is significant. The order to remember is;

- Revaluations
- Subtotal of net gains and loses not recognized in the income statement
- Net profit/loss for the period
- Dividends paid in the period
- Issues or reductions of share capital.

Note: Illustrative examples will. appear simplified indeed for purposes of this book.

## BALANCE SHEET:

This statement shows the financial position of an organization at a particular date. The balance sheet satisfies the Accounting equation of ASSETS =

OWNER'S EQUITY $\div$ LIABILITIES. The balance sheet is much more akin to the trial balance, being a balance of the ledger accounts after double-entry has been completed, and requiring that debits thereon must equal credits. It is an ordered list of aft the [edger account balances remaining once the income statement has been prepared.

As a minimum, the face of the balance sheet should include tine items which present the following amounts.

1. Items of property, plant and equipment eg. Land, Buildings, fixtures and fittings, Machinery, etc.
2. Intangible assets like Good will, Patents and trademarks, Development costs, etc.
3. Financial assets (excluding amounts shown under 4,6 and 7)
4. Investments
5. Inventories
6. Trade and other payables like creditors etc
7. Cash and cash equivalents
8. Trade and other receivables eg. Trade debtors
9. Tax liabilities and assets as required by IAS 12: Income taxes e.g. Corporation tax payable
10. Provisions
11. Non-current interest bearing borrowings
12. Minority interest
13. Issued capital and reserves

The balance sheet can take the following format.
XYX Balance sheet as at $\qquad$
ASSETS

| Tangible Non-current assets: | Cost | Acc. Depn. | Net book value |
| :--- | :--- | :--- | :---: |
| Land | xxxx | nil. | xxxx |
| Motor vehicles | $\underline{\mathrm{xxxx}}$ | $\underline{\mathrm{xxxx}}$ | $\underline{\mathrm{xxxx}}$ |
| Equipment | $\underline{\mathrm{xxxx}}$ | $\underline{\mathrm{xxxx}}$ | xxxx |
| Intangible assets |  |  | xxxx |
| financial Assets |  |  | xxxx |
| Investments |  |  | xxxx |

## Current assets:

Inventories xxxx
Trade and other receivables (net of bad debts) xxxx
Prepayments xxxx
Cash and cash equivalents $\underline{\text { xxxx }}$
TOTAL ASSETS $\underline{\underline{\text { xxxx }}}$
EQUITY AND LIABILITIES
Capital and reserves:
Share capital. xxxx
Accumulated profit (net of drawings if any) xxxx
Other reserves. $\underline{\text { xxxx }}$
XXXX
Minority Interests** $\underline{\text { xxxx }}$

## Non current Liabilities:

Bank Loans xxxx
Debentures xxxx
Preference shares (redeemable) xxxx xxxx

## Current liabilities:

Trade and other payables e.g. creditors xxxx
Short term borrowings e.g. overdrafts xxxx
Taxation Xxxx Xxxx
TOTAL EQUITY AND LIABILITIES. $\underline{\underline{x x x x}}$
***This item is dealt with at another level in your study.

## THE WORKSHEET:

The most significant output of the end-of-period procedures is the financial statements. To assist the accountant in accumulating data for the statements, a worksheet is often used. The worksheet provides a convenient means of accumulating essential data verifying arithmetical accuracy, and arranging data in a Logical form.

So many details are involved in these end-of-period procedures that it is easy to make errors. If these errors are recorded in the journal and in theLedgeracc6ints, considerate time and effort can be wasted in correcting them. Both the journal and the ledger are formal, permanent records. They may be prepared manually in ink or printed by a computer. One obvious way of avoiding such errors in the permanent accounting records and of simplifying the work to be done at the end of the period is to use a worksheet.

The worksheet may be thought of as a testing ground on which the ledger accounts are adjusted, balanced, and arranged in the general form of financial statements. The satisfactory completion of a worksheet provides considerable assurance that all the details of the end-of-period accounting v procedures have been properly brought together. After this point has been established, the worksheet then serves as a source from which the formal financial statements are prepared and the adjusting v and closing entries are made in the journal.

The preparation of the worksheet can take the following steps;

1. Enter the ledger account balances in the trial balance columns
2. Enter the adjustments in the adjustments columns
3. Enter the account balances as adjusted in the adjusted trial balance columns
4. Extend each amount in the adjusted trial balance columns into the income statement columns Prep or into the balance sheet columns.
5. Total the income statement columns and the balance sheet columns. Enter the net income or net toss as a balancing figure in both pairs of columns, and again compute column totals. The Net profit or loss for the period is determined by computing the difference between the totals of the two income statement columns.

## Example 1

## An illustration for the worksheet

Ensinensi Trial Balance for the year ended December 31, 1998

| Account tittles | Dr (UGx'00) | Cr. (UGx'000) |
| :--- | ---: | ---: |
| Cash | 12,540 |  |
| Prepaid office rent | 8,400 |  |


| Prepaid dues and subscription | 960 |  |
| :--- | ---: | ---: |
| Supplied on hand | 1,300 |  |
| Equipment | 20,000 |  |
| Accumulated depreciation: equipment |  | 1,200 |
| Notes payable |  | 5,000 |
| Unearned consulting fees |  | 35,650 |
| Ordinary share capital |  | 10,000 |
| Accumulated profits, jan,1.1998 |  | 12,950 |
| Dividends |  |  |
| Consulting fees earned | 26,900 |  |
| Salaries expense | 550 |  |
| Telephone expense | 2,350 |  |
| Miscellaneous | 80,000 | 80,000 |

## Other Information

i) On Jan.1.1998 the prepaid office rent account had a balance of UGX $2,400,000$, representing the prepaid rent for the months from Jan. to June 1998 inclusive. On July 1, the lease was renewed and office rent for one year at UGx.500, 000 per month was paid in advance.
ii) Dues and subscriptions expired during the year in the total. amount of UGX.710,000
iii) A count of supplies on hand was made at Dec.31; the cost of unused supplies was UGx.450,000
iv) The useful life of the equipment has been estimated at 10 years from the date of acquisition.
v) Accrued interest on notes payable amounted to UGx.100, 000 at year-end. Set up a separate interest expense account.
vi) Consulting service9 valued at UGx.32, 550,000 were rendered during the year for clients who had made payment in advance. It is the policy of the company to bill clients only when consulting work is completed or, in the case of prolonged engagements, at six-month intervals.
vii) Dec.31, engineering services valued at UGx.3, 000,000 had been rendered to clients but not yet billed. No advance payments had been received from these clients.
viii) Salaries earned by. staff engineers but not yet paid amounted to UGX 200,000 at Dec.31.

## Required:

Prepare a worksheet for the year ended December 31, 1998.
Ensinensi Work sheet
(amounts in thousands of UGX)

|  | Trial balance |  | Adjustments |  | Adjusted trial balance |  | Income statement |  | Balance sheet |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Accounts | Dr | Cr | Dr | Cr | Dr | Cr | Dr | Cr | Dr | Cr |
| Cash | 12,540 |  |  |  | 12,540 |  |  |  | 12,540 |  |
| Prepaid office rent | 8,400 |  |  | 5,400 | 3,000 |  |  |  | 3,000 |  |
| Supplies on hand | 1,300 |  |  | 850 | 450 |  |  |  | 450 |  |
| Prepaid dues and subscriptions | 960 |  |  | 710 | 250 |  |  |  | 250 |  |
| Equipment | 20,000 |  |  |  | 20,000 |  |  |  | 20,000 |  |
| Accumulated depreciationequipment |  | 1,200 |  | 2,000 |  | 3,200 |  |  |  | 3,200 |
| Notes payable |  | 5,000 |  |  |  | 5,000 |  |  |  | 5,000 |
| Unearned consulting fees |  | 35,650 | 32,550 |  |  | 3,100 |  |  |  | 3,100 |
| Capital stock |  | 10,000 |  |  |  | 10,000 |  |  |  | 10,000 |
| Accumulated profits, Jan.1.1998 |  | 12,950 |  |  |  | 12,950 |  |  |  | 12,950 |
| Dividends | 7,000 |  |  |  | 7,000 |  |  |  | 7,000 |  |


| Consulting fees earned |  | 15,200 |  | $\begin{array}{r} \hline 32,500 \\ +3,000 \end{array}$ |  | 50,750 |  | 50,750 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Salaries expense | 26,900 |  | 200 |  | 27,100 |  | 27,100 |  |  |  |
| Telephone expense | 550 |  |  |  | 550 |  | 550 |  |  |  |
| Miscellaneous expenses | 2,350 |  |  |  | 2,350 |  | 2,350 |  |  |  |
| Rent expense |  |  | 5,400 |  | 5,400 |  | 5,400 |  |  |  |
| Dues and subscription expense |  |  | 710 |  | 710 |  | 710 |  |  |  |
| Supplies expense |  |  | 850 |  | 850 |  | 850 |  |  |  |
| Depreciation expense- equipment |  |  | 2,000 |  | 2,000 |  | 2,000 |  |  |  |
| Interest expense |  |  | 100 |  | 100 |  | 100 |  |  |  |
| Interest payable |  |  |  | 100 |  | 100 |  |  |  | 100 |
| Consulting fees receivable |  |  | 3,000 |  | 3,000 |  |  |  | 3,000 |  |
| Salaries payable |  |  |  | 200 |  | 200 |  |  |  | 200 |
| Profit for the year |  |  |  |  |  |  | 11,690 |  |  | 11,690 |
| Totals | 80,000 | 80,000 | 44,810 | 44,810 | 85,300 | 85,300 | 50,750 | 50,750 | 46,240 | 46,240 |

## Example 2

Another example involving the Worksheet
The following balances were extracted from the books of Elgon Heights Ltd at year end 31 December 2002

## Account title

Share capital
Creditors
Inventory 31.12.2001
Debtors

UGX' 000s
75,000
22,472
41,415
28,560

| Bank | 45,000 |
| :--- | :--- |
| Motor vehicles at cost | 16,225 |
| Machinery at cost | 28,000 |
| Accumulated depreciation-machinery | 18,000 |
| Accumulated depreciation-motor vehicle | 12,600 |
| Sales | 97,500 |
| Purchases | 51,380 |
| Motor expenses | 8,144 |
| Maintenance | 1,076 |
| Utilities | 11,372 |
| Wages and salaries | 6,200 |
| Directors remuneration | 6,138 |
| Retained earnings | 8,000 |

The following information is also relevant to the company for the period for which the balances were extracted.
i) Stock at December 31 was UGX. 54,300,000
ii) Motor expenses of UGX. 445,000 were not paid or recorded anywhere in the books
iii) Utilities of UGX.500,000 were prepaid
iv) A dividend of UGX. $7,500,000$ was proposed on 28tI. Dec. but is not pa1
v) A transfer of UGX. $2,000,000$ to the general. reserve was approved but not made
vi) Depreciation on non-current assets to be provided ' $t$ ' the rate of $20 \%$ rising the reducing balance method.

## Required:

Prepare Journal entries; adjusted trial balance, Income statement, statement of changes in equity and the balance sheet for the company. Be sure to show your work sheet.

Elgon Heights General journal showing adjusting entries

| i) | Closing inventory | $54,300,000$ |  |
| ---: | :--- | :--- | :--- |
|  | Trading account |  | $54,300,000$ |
| ii) | Motor vehicle expenses | 445,000 |  |
|  | Accrued motor vehicle expenses |  | 445,000 |
| iii) | Prepaid utilities | 500,000 |  |
|  | Utilities expense account | $7,500,000$ |  |
| iv) | Retained earnings | $2,000,000$ |  |
|  | Dividends payable |  | $7,500,000$ |
| v) | Retained earnings | $3,080,000$ |  |
|  | General reserves | $5,400,000$ |  |
| vi) | Depreciation expense-motor vehicle | $3,080,000$ |  |
|  | Accumulated depreciation-motor vehicle |  |  |
|  | Depreciation expense-machinery | $5,400,000$ |  |
|  | Accumulated depreciation- machinery |  |  |

Elgon Heights Work sheet
(Amounts in thousands of UGX)

|  | Trial balance |  | Adjustments |  | Adjusted trial <br> balance |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Accounts | Dr. | Cr. | Dr. | Income <br> statement | Balance sheet |  |  |  |  |  |
| Share capital |  | 75,560 |  |  | Dr. | Cr. | Dr. | Cr. | Dr. | Cr. |
| Creditors |  | 22,415 |  |  |  | 75,000 |  |  |  | 75,000 |
| Debtors | 28,560 |  |  |  | 28,560 |  |  |  |  |  |
| Stock (31/12/2001) | 41,415 |  |  |  | 41,415 |  | 41,415 |  | 28,560 |  |
| Bank | 16,255 |  |  |  | 16,255 |  |  | - |  | 16,255 |
| Machinery (cost) | 45,000 |  |  |  | 45,000 |  |  |  |  |  |


| Motor vehicle (cost) | 28,000 |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

## Elgon Heights

## (Amounts in UGX'000s)

| Sales |  | 97,500 |
| :---: | :---: | :---: |
| Less: Cost of sales |  |  |
| Opening stock | 41,415 |  |
| Add: Purchases | 51,380 |  |
| Goods available for sale | 92,795 |  |
| Less: Closing stock | $(54,300)$ |  |
| Cost of goods sold |  | $(38,495)$ |
| Gross profit |  | 59,005 |
| Less: Operating expenses |  |  |
| Motor expenses | 8,589 |  |
| Maintenance | 2,308 |  |
| Utilities | 576 |  |
| Wages and salaries | 11,372 |  |
| Directors' remuneration | 6,200 |  |
| Depreciation: Motor vehicle | 3,080 |  |
| Machinery | $\underline{5,400}$ | $(37,525)$ |
| Profit for the year |  | 21,480 |

## Elgon Heights

Balance Sheet as at 31.2.2002
(Amounts in UGX'000s)

| ASSETS | Cost | Acc. Depn | WDV |
| :--- | :--- | :--- | :--- |
| Non-current assets: |  |  |  |


| Motor vehicle | 28,000 | 15,680 | 12,320 |
| :---: | :---: | :---: | :---: |
| Machinery | 45,000 | 13,400 | 21,600 |
|  | 73,000 | 39,080 | 33,920 |
| Current Assets |  |  |  |
| Inventory |  | 54,300 |  |
| Debtors |  | 28,560 |  |
| Prepayments |  | 500 |  |
| Bank |  | 16,255 | 99,615 |
| Total assets |  |  | 133,535 |
| EQUITY AND LIABILITIES |  |  |  |
| Share capital and reserves: |  |  |  |
| Share capital |  | 75,000 |  |
| General reserve |  | 10,000 |  |
| Retained earnings/accumulated profits |  | 18,118 | 103,118 |
| Current liabilities |  |  |  |
| Trade creditors |  | 22,472 |  |
| Accrued motor vehicle expenses |  | 445 |  |
| Dividends payable |  | 7,500 | 30,417 |
| Total equity and liabilities |  |  | 133,535 |

## Elgon heights statement of changes in equity

|  | Share <br> capital | General <br> reserve | Acc. <br> Profit | Total |
| :--- | ---: | ---: | ---: | ---: |
| Opening balance | 75,000 | 8,000 | 6,138 | 89,138 |
| Net profit for the period | - | - | 21,480 | 21,480 |
| Transfer to G. reserve |  | - | 2,000 | 2,000 |
| Dividends payable-ordinary |  |  | $\underline{7,500}$ | $\underline{7,500}$ |
| Closing balance | $\underline{75,000}$ | $\underline{10,000}$ | $\underline{18,118}$ | $\underline{103,118}$ |

## Example 3

The bookkeeper of Mwenge Company prepared the following trial balance at the end of its financial year on 31 December.

## Trial Balance as at $\mathbf{3 1 / 1 2}$

Dr. (UGX'000) Cr. (UGX'000)

| Cash at hand | 2,000 |  |
| :--- | ---: | ---: |
| Cash at bank | 4,000 |  |
| Land, cost | 100,000 |  |
| Motor vehicle cost | 10,000 |  |
| Accumulated depreciation-motor vehicle |  | 2,000 |
| Equipment, cost | 20,000 |  |
| Accumulated depreciation- equipment |  | 4,000 |
| Inventory 1/1 (opening inventory) | 5,000 |  |
| Receivables (debtors) |  | 2,000 |
| Provision for bad debts |  | 3,000 |
| Trade creditors |  |  |
| Sales |  | 2,000 |
| Purchases |  |  |
| Discount allowed |  |  |
| Discount allowed | 10,000 |  |
| Purchases returns (returns outwards) | 6,000 |  |
| Sales returns (returns inwards) | 8,000 |  |
| Carriage inwards | 1,800 |  |
| Salaries | 7,000 |  |
| Salaries payable (Accrued salaries) |  | 15,000 |
| Rent |  |  |
| Electricity |  |  |


| Bad debts | 1,200 |  |
| :--- | ---: | ---: |
| Capital |  | 26,000 |
|  | $\underline{288,000}$ | $\underline{288,000}$ |
| Long term Bank Loan |  | $\underline{30,000}$ |

You ascertain the following
a) Closing inventory at the end of the year was valued at UGX20,000,000
b) Salaries of UGX. 2,000,000 accrued or remained outstanding at the end of the year and was not recorded in the trial balance.
c) Half of the rent paid is for the forthcoming financial year.
d) Depreciate tangible non-current assets by $20 \%$ on cost at the end of the year
e) $20 \%$ of the trade debtors are expected to default; a provision against bad debts needs to be made.

## Required;

As the company's accountant, prepare Mwenge Company's Income Statement for the year ending $31 / 12$ and the Balance Sheet as at that date. Be sure to journalize adjusting entries.

## Solution;

Mwenge company. General journal for the period ending 31/12

|  | Dr | Cr |
| :---: | :--- | :--- |
| a) Closing inventory | $20,000,000$ |  |
| Trading account |  | $20,000,000$ |
| b) Salaries expense |  | $2,000,000$ |
| Salaries payable | 900,000 |  |
| c) Rent prepaid |  | 900,000 |
| Rent expense account |  | $2,000,000$ |


| d) Depreciation expense account (motor <br> vehicle) | $2,000,000$ |  |
| :---: | :---: | :---: |
| Accumulated depreciation account |  | $2,000,000$ |
| Depreciation expense account (equipment) | $4,000,000$ |  |
| Accumulated depreciation account |  | $4,000,000$ |
| e) Bad debts expense | $1,000,000$ |  |
| Bad debts provision |  | $1,000,000$ |

## MWENGE COMPANY

INCOME STATEMENT FOR THE YEAR ENDED 31/12
(amounts in thousands of shillings)

| Sales revenue | 200,000 |  |
| :---: | :---: | :---: |
| Returns inwards | (10,000) | 190,000 |
| Cost of sales: |  |  |
| Opening inventory | 1,000 |  |
| Purchases | 110,000 |  |
| Returns outwards | $(5,000)$ |  |
| Carriage inwards | 6,000 |  |
| Closing inventory | (20,000) | $(92,000)$ |
| Gross profit |  | 98,000 |
| Other (miscellaneous) incomes-discount received |  | 1,000 |
| Less: operating expenses |  |  |
| Depreciation- Motor vehicles | 2,000 |  |
| Equipment | 4,000 |  |
| Bad debts (1000+1200) | 2,200 |  |

$\left.\begin{array}{|lll|r|r|}\hline \text { Discount allowed } & & 2,000 & \\ \hline \text { Salaries: } & \text { Paid } & 8,000 & & \\ & \text { Accrued } & \underline{2,000}\end{array}\right)$

## MWENGE COMPANY

BALANCE SHEET AS AT 31/12
(amounts in thousands of shillings)

| ASSETS |  |  |  |
| :--- | ---: | ---: | ---: |
| Tangible non-current assets: | COST | AGG. DEPN | NBV |
| Land | 100,000 | Nil | 100,000 |
| Motor vehicle | 10,000 | 4,000 | 6,000 |
| Equipment | $\underline{20,000}$ | $\underline{8,000}$ | $\underline{12,000}$ |
|  | $\underline{130,000}$ | $\underline{12,000}$ | 118,000 |
| Current assets: |  |  |  |
| Inventory | $\underline{(3,000)}$ | 2,000 |  |
| Trade receivables |  | 9,000 |  |
| Provision (2000+1000) |  | $\underline{6,000}$ | $\underline{28,900}$ |
| Prepayments - rent |  |  |  |
| Cash and cash equivalents <br> (2000+4000) |  |  | $\underline{\mathbf{1 4 6 , 9 0 0}}$ |
| Total Assets |  |  |  |


|  |  |  |  |
| :--- | ---: | ---: | ---: |
| EQUITY AND LIABILITIES |  |  |  |
| Equality and reserves: |  |  |  |
| Capital |  | 26,000 |  |
| Accumulated profits |  | 70,900 | 96,900 |
| Non-current liabilities |  |  |  |
| Long term loan |  |  |  |
| Current liabilities |  |  |  |
| Trade creditors |  | $\underline{17,000}$ |  |
| Salaries payable (15,000+2000) |  |  | $\mathbf{1 4 6 , 0 0 0}$ |
| Total equity and liabilities |  |  |  |

## Self review question - study unit 6

a) Differentiate between income statement and balance sheet.
b) The book keeper of Musa \& Sons Ltd prepared the following trial balance at the end of its financial year on 31/12/2018.

Musa \& Sons Ltd
Trial Balance
As at $31 / 12 / 2018$

| Account Title | Dr (shs '000') | Cr (shs '000') |
| :--- | ---: | ---: |
| Cash at hand | 2,000 |  |
| Cash at bank | 4,000 |  |
| Land, cost | 100,000 |  |
| Motor vehicle, cost | 10,000 |  |
| Accumulated depreciation-motor vehicle |  |  |


| Equipment, cost | 20,000 |  |
| :---: | :---: | :---: |
| Accumulated depreciation-equipment |  | 4,000 |
| Inventory 1/1/2018 | 1,000 |  |
| Receivables | 5,000 |  |
| Provision for bad debts |  | 2,000 |
| Trade creditors |  | 3,000 |
| Sales |  | 200,000 |
| Purchases | 110,000 |  |
| Discount allowed | 2,000 |  |
| Discount received |  | 1,000 |
| Purchases returns |  | 5,000 |
| Sales returns | 10,000 |  |
| Carriage inwards | 6,000 |  |
| Salaries | 8,000 |  |
| Salaries payable |  | 15,000 |
| Rent | 1,800 |  |
| Electricity | 7,000 |  |
| Bad debts | 1,200 |  |
| Capital |  | 26,000 |
| Long-term bank loan |  | 30,000 |
| Total | 288,000 | 288,000 |

## Additional information

a) Closing inventory at the end of the year was valued at shs.20,000.
b) Salaries of shs.2,000 accrued or remained outstanding at the end of the year and was not recorded in the trial balance.
c) Half of the rent paid is for the forthcoming financial year.
d) Depreciate tangible non-current assets by $20 \%$ on cost at the end of the year.
e) $20 \%$ of trade debtors are expected to default; a provision against bad debts needs to be made.
f) The company was required to pay a corporation tax of $30 \%$.

## Required:

As an Accountant, prepare Musa \& Sons Ltd income statement and balance sheet as at 31/12/2018.

## Self-review answer- study unit 6

a) The income statement discloses the financial performance of the enterprise during the given year or operating cycle. It shows whether the operations of the enterprise resulted in a profit or loss while the balance sheet shows the financial position of an organization at a particular date.

| Musa and Sons Ltd Income Statement <br> For the period ended 31 ${ }^{\text {st }}$ December 2019 |  |  |
| :---: | :---: | :---: |
| Sales revenue | 200,00 |  |
| Returns inwards | $(10,000)$ | 190,000 |
| Cost of sales: |  |  |
| Opening inventory | 1,000 |  |
| Purchases | 110,000 |  |
| Returns outwards | $(5,000)$ |  |
| Carriage inwards | 6,000 |  |
| Closing inventory | $(20,000)$ | $(92,000)$ |
| Gross profit |  | 98,000 |
| Other incomes-discount received |  | 1,000 |
| Total operating income |  | 99,000 |
| Less: operating expenses |  |  |
| Depreciation Motor vehicle <br>  Equipment | $\begin{aligned} & 2,000 \\ & 4,000 \end{aligned}$ |  |


| Bad debts |  | 2,200 |  |
| :--- | ---: | ---: | ---: |
| Discount allowed |  | 2,000 |  |
| Salaries: Paid |  | 8,000 |  |
|  | 2,000 | 10,000 |  |
| Recrued |  |  |  |
| Rent: Prepaid | 1,800 |  |  |
| Electricity | $(900)$ | 900 |  |
| Profit before tax |  | 7,000 | $(28,100)$ |
| Tax |  |  | 70,900 |
| Net profit after tax |  |  | 21,270 |

## Musa and Sons Ltd

Musa and Sons Ltd

## Balance Sheet

As at 31 ${ }^{\text {st }}$ December 2018

| ASSETS |  |  |  |
| :--- | ---: | ---: | ---: |
| Fixed assets | Cost | ACC DEP | NVB |
| Land | 100,000 | Nil | 100,000 |
| Motor vehicle | 10,000 | 4,000 | 6,000 |
| Equipment | $\mathbf{2 0 , 0 0 0}$ | 8,000 | 12,000 |
| Total Fixed Assets | $\mathbf{1 3 0 , 0 0 0}$ | $\mathbf{1 2 , 0 0 0}$ | $\mathbf{1 1 8 , 0 0 0}$ |
| Current assets: |  |  |  |
| Inventory |  | 20,000 |  |


| Trade receivables | 5,000 |  |  |
| :--- | ---: | ---: | ---: |
| Provision (2000 + 10000) | $(3,000)$ | 2,000 |  |
| Prepayments- rent |  | 900 |  |
| Cash |  | 2,000 |  |
| Bank |  | 4,000 |  |
| Total Current Assets |  |  | $\mathbf{2 8 , 9 0 0}$ |
| Total Assets |  |  | $\underline{146,900}$ |
| EQUITY and liabilities |  | 26,000 |  |
| Equity and reserves |  | 49,630 | 75,630 |
| Capital |  |  |  |
| Accumulated profits |  |  |  |
| Non-current liabilities: |  |  |  |
| Long term loan |  |  |  |
| Current liabilities: |  |  |  |
| Trade creditors |  |  |  |
| Salaries payable |  |  |  |
| Tax liability |  |  |  |
| Total Equity and Liabilities |  |  |  |

(18marks)

