

Cambridge

IGCSE / O-Level

Accounting

(Code: 0452 / 7707)

Section 04



Chapter 14- Bank reconciliation statements

14.1 Introduction

This is similar to the **statement of account** issued by its suppliers to the customers who have purchased goods on credit

A **bank statement** is a copy of the customer's account in the books of the bank. This is a record of transactions as they affect the bank

It is important to compare the bank statement and the bank account in the cash book. If the two balances disagree, it is necessary to **reconcile** them to explain why the differences have arisen.

14.2 Reasons why the bank account and the bank statement may differ

Differences between the two records usually occur because of:

- the different times at which the same items are recorded
- the business not recording certain items in the cash book.

Timing differences

These are usually due to:

1 Cheques not yet presented

These are cheques that have been paid by the business and entered on the credit of the cash book, but which do not appear on the bank statement.

2 Amounts not yet credited

These are cash and cheques that have been paid into the bank and entered on the debit side of the cash book, but which do not appear on the bank statement.

Items not recorded in the cash book

It often happens that the business does not record certain items until the bank statement is received. These include:

1 Bank charges and bank interest

The bank may deduct an amount from the customer's account to cover the cost of running the account and for any interest charged on overdrafts and loans.

2 Dishonoured cheques

A cheque paid into the bank may be returned because the drawer did not have sufficient funds in the account.

3 Amounts paid directly into the bank

These are credit transfers, standing orders and direct debits where a person has instructed their bank to pay an amount of money directly into the bank account of the business.

4 Amounts paid directly by the bank to others

These include credit transfers, standing orders and direct debits which the business has instructed the bank to pay directly from the account of the business.

Any other differences between the two records must be investigated. **Errors made by the business** should be corrected and **errors made by the bank** should be notified to the bank.

14.3 Stages of bank reconciliation

1 Compare the bank account in the cash book with the bank statement

The debit side of the bank account should be compared with the credit side of the bank statement and the credit side of the bank account compared with the debit side of the bank statement.

2 Update the cash book

Enter in the cash book any items which appear on the bank statement but which have not yet been entered in the cash book.

a Items debited on the bank statement (e.g. bank charges, credit transfers paid by the bank, etc.) should be credited to the bank account in the cash book.

b Items credited on the bank statement (e.g. credit transfers and direct debits paid into the bank) should be debited to the bank account in the cash book.

3 Correct any errors in the cash book

4 Balance the cash book and carry down the balance

This balance is the correct bank balance. If it is the end of the financial year, this is the balance which should appear in the statement of financial position.

5 Prepare a bank reconciliation statement

This should show why the balance on the updated cash book does not agree with the balance shown on the bank statement.

a Start with the balance shown on the bank statement.

b Add any items which appear on the debit side of the cash book but which do not appear on the bank statement (e.g. amounts not yet credited).

c Deduct any items which appear on the credit side of the cash book but which do not appear on the bank statement (e.g. cheques not yet presented).

d Make any adjustments for bank errors by adding amounts debited in error by the bank and deducting amounts credited in error by the bank.

e The total of this calculation should equal the updated bank balance in the cash book.

It is possible to start the bank reconciliation statement with the updated bank account balance. In this case, it is necessary to reverse items **b, c and d**.

A bank reconciliation statement does not form part of the double entry records of the business

Walkthrough 14.1

The bank columns of Fatima's cash book for the month of April 20-8 are:

Cash book (bank columns only)							
Date	Details	Folio	\$	Date	Details	Folio	\$
20-8				20-8			
Apr 1	Balance		2970	Apr 10	Purchases		234
14	J Dhatwani		420	19	B Malukani		110
26	ABC Stores		217	29	TeeDee Co		1372
28	Sales		1460	30	Dobhal Ltd		517
					Balance	c/d	2834
			<u>5067</u>				<u>5067</u>
20-8							
May 1	Balance	b/d	2834				

Fatima's bank statement for the month of April 20-8 is:

REGIONAL BANK LTD West District				
Account: Fatima Goyal		Account no: 987654		
		Date: 30 April 20-8		
Date	Details	Debit \$	Credit \$	Balance \$
20-8				
April 1	Balance			2970 Cr
13	Cheque no 2388	243		2727 Cr
19	Credit no 6983		420	3147 Cr
20	Credit transfer (dividend)		150	3297 Cr
24	Cheque no 2389	110		3187 Cr
30	Bank charges	95		3092 Cr

It is discovered that Fatima has made an error on 10 April and recorded purchases as \$234, when the correct figure was \$243.

- Make any additional entries that are required in Fatima's cash book. Balance the bank account and bring down the balance on 1 May 20-8.
- Prepare a bank reconciliation statement at 30 April 20-8.

The first thing to do is to compare the entries in the cash book with those on the bank statement. Place a tick (✓) against the items appearing in both the records.

a

Cash book (bank columns only)							
Date	Details	Folio	\$	Date	Details	Folio	\$
20-8				20-8			
May 1	Balance	b/d	2834	May 1	Correction of error		9
	Dividend		150		Bank charges		95
					Balance	c/d	2880
			<u>2984</u>				<u>2984</u>
20-8							
May 1	Balance	b/d	2880				

The bank reconciliation statement can now be prepared.

b

Fatima Bank reconciliation statement at 30 April 20-8			
		\$	\$
Balance shown on bank statement			3092
Add Amounts not yet credited	- ABC Stores	217	
	Sales	<u>1460</u>	<u>1677</u>
			4769
Less Cheques not yet presented	- TeeDee Co	1372	
	Dobhal Ltd	<u>517</u>	<u>1889</u>
Balance shown in cash book			<u>2880</u>

It is important to remember that the bank columns are actually part of the main three column cash book – not a separate ledger account.

The cash book and the bank statement should now look like this:

Cash book (bank columns only)							
Date	Details	Folio	\$	Date	Details	Folio	\$
20-8				20-8			
Apr 1	Balance	✓	2970	Apr 10	Purchases		234
14	J Dhatwani	✓	420	19	B Malukani	✓	110
26	ABC Stores		217	29	TeeDee Co		1372
28	Sales		1460	30	Dobhal Ltd		517
					Balance	c/d	2834
			<u>5067</u>				<u>5067</u>
20-8							
May 1	Balance	b/d	2834				

REGIONAL BANK LTD West District				
Account: Fatima Goyal		Account no: 987654		
		Date: 30 April 20-8		
Date	Details	Debit \$	Credit \$	Balance \$
20-8				
April 1	Balance			2970 Cr ✓
13	Cheque no 2388	243		2727 Cr
19	Credit no 6983		420 ✓	3147 Cr
20	Credit transfer (dividend)		150	3297 Cr
24	Cheque no 2389	110 ✓		3187 Cr
30	Bank charges	95		3092 Cr

It is now possible to update the bank account in the cash book. Firstly, the error on 10 April must be corrected. Items appearing in the debit column of the bank statement which have not been ticked off (excluding 13 April which has now been corrected in the bank account) must be credited in the bank account. Items appearing in the credit column of the bank statement which have not been ticked off must be debited in the bank account.

14.4 Bank reconciliation when there is a bank overdraft

Walkthrough 14.1 showed how to update the cash book and prepare a bank reconciliation statement when there is a positive bank balance

Walkthrough 14.2

On 31 July 20–8 the bank account in Fatima's cash book showed an overdrawn balance of \$1 121. On the same date her bank statement showed a debit balance of \$1 091.

When comparing the cash book and the bank statement it was found that the following items appeared only in the cash book:

- 1 A cheque paid to PJ Motors for \$163 on 29 July.
- 2 Cash sales amounting to \$1 010 paid into the bank on 31 July.

The following items appeared only on the bank statement and not in the cash book:

- 1 Rent received paid directly into the bank \$190.
 - 2 Bank charges of \$213.
 - 3 A credit balance on 1 July was shown as \$2 100 instead of \$1 200.
- a Make any additional entries that are required in Fatima's cash book. Balance the bank account and bring down the balance on 1 May 20–8.
 - b Prepare a bank reconciliation statement at 31 July 20–8.

The comparison of the cash book with the bank statement has already been completed and the differences are shown, so it is possible to start with the updating of the cash book.

a

Cash book (bank columns only)							
Date	Details	Folio	\$	Date	Details	Folio	\$
20–8				20–8			
Aug 1	Rent received		190	Aug 1	Balance	b/d	1 121
	Balance	c/d	1 144		Bank charges		213
			<u>1 334</u>				<u>1 334</u>
				20–8			
				Aug 1	Balance	b/d	1 144

b

Fatima	
Bank reconciliation statement at 31 July 20–8	
	\$
Balance shown on bank statement	(1 091)
Add Amounts not yet credited – Sales	1 010
	(81)
Less Cheques not yet presented – PJ Motors	163
	(244)
Less Bank error	900
Balance shown in cash book	<u>(1 144)</u>

14.5 Advantages of bank reconciliation

The advantages of reconciling the balance on the bank statement with that shown on the bank account in the cash book are:

- 1 After updating the bank account an accurate bank balance is available.
- 2 Errors in the bank account or on the bank statement can be identified.
- 3 It assists in discovering fraud and embezzlement.

- 4 Amounts not credited by the bank can be identified.
- 5 Cheques not yet presented can be identified.
- 6 Any 'stale' cheques (these are usually those which are over six months old, which will not be met by the bank) can be identified and written back into the bank account

Chapter 15- Journal entries and correction of errors

15.1 Introduction

The **journal** or general journal is a book of prime entry. Chapter 7 explained how all transactions are recorded in a book of prime entry before they are entered in the ledger.

The **journal** is not a part of the double entry book-keeping. It is regarded as a diary in which transactions are noted before they are entered in the ledger. **Anything which is not entered in one of the books of prime entry must be entered in the journal before being recorded in the ledger.**

15.2 Opening journal entries

As the name suggests, opening journal entries are made when the business starts (or when the business first keeps accounting records).

Walkthrough 15.1

Chandra started business on 1 November 20–4. He did not maintain any accounting records during his first year of trading.

On 1 November 20–5 he was able to provide the following information about his business:

Assets	Premises \$56 000, fixtures \$19 400, motor vehicles \$12 500, inventory \$3 100, trade receivables \$4 700, cash \$200
Liabilities	Trade payables \$5 600, bank overdraft \$2 300

Prepare an opening journal entry for Chandra at 1 November 20–5.

Make the appropriate entries in Chandra's ledger and cash book.

Chandra Journal Assets, liabilities and capital to open the books.				
Date	Details	Folio	Debit \$	Credit \$
20–5				
Nov 1	Premises		56 000	
	Fixtures		19 400	
	Motor vehicles		12 500	
	Inventory		3 100	
	Trade receivables		4 700	
	Cash		200	
	Trade payables			5 600
	Bank			2 300
	Capital			88 000
			95 900	95 900

- It is usual to show the debit entries first.
- It is usual to slightly indent the credit entries.
- It is usual to draw a line after each separate journal entry.
- The capital was calculated as the difference between the assets and the liabilities.

Chandra Nominal ledger Premises account							
Date	Details	Folio	\$	Date	Details	Folio	\$
20–5							
Nov 1	Balance		56 000				

Fixtures account							
Date	Details	Folio	\$	Date	Details	Folio	\$
20–5							
Nov 1	Balance		19 400				

15.3 Purchase and sale of non-current assets

As the purchase and sale of non-current assets are not recorded in one of the other books of prime entry, they should be entered in the journal before being posted to the ledger.

Walkthrough 15.2

Chandra's financial year ends on 31 October.

Prepare the journal entries to record the following transactions on 1 September 20–6.

- Purchased additional fixtures, \$1 300, on credit from Office Supplies.
- Sold the motor vehicle (cost \$12 500) for \$7 400 on credit to Used Vehicles Ltd.

Chandra Journal				
Date	Details	Folio	Debit \$	Credit \$
20–6				
Sep 1	Fixtures		1 300	
	Office Supplies			1 300
	Purchase of fixtures on credit			
	Disposal of motor vehicle		12 500	
	Motor vehicles			12 500
	Used Vehicles Ltd		7 400	
	Disposal of motor vehicle			7 400
	Transfer of motor vehicle to disposal account and sale of motor on credit			
Oct 31	Income statement		5 100	
	Disposal of motor vehicle			5 100
	Loss on disposal transferred to income statement			

15.4 Non-regular transactions

As explained earlier, any transactions which cannot be recorded in another book of prime entry are recorded in the journal. These often consist of transactions which are not occurring regularly and year-end transfers to the income statement.

Walkthrough 15.3

Chandra's financial year ends on 31 October. He provided the following information for the year ended 31 October 20–6.

- Irrecoverable debts written off up to 30 October 20–6 amounted to \$140.
- On 31 October 20–6 it was decided to:
Write off as irrecoverable a debt of \$50 owing by Ansari Stores
Create a provision for doubtful debts of \$250

- a Prepare journal entries to record the decisions made on 31 October 20–6 and any necessary year-end transfers.
b Show the appropriate ledger accounts after posting these entries.

Chandra Journal				
Date	Details	Folio	Debit \$	Credit \$
20–6				
Oct 31	Irrecoverable debts		50	
	Ansari Stores			50
	Writing off irrecoverable debt			
	Income statement		250	
	Provision for doubtful debts			250
	Creation of provision for doubtful debts			

Chandra Sales ledger Ansari Stores account						
Date	Details	Folio	\$	Date	Details	Folio \$
20–6				20–6		
Oct 1	Balance	b/d	50	Oct 31	Irrecoverable debts	50
			50			50

Nominal ledger Irrecoverable debts account						
Date	Details	Folio	\$	Date	Details	Folio \$
20–6				20–6		
Oct 30	Debtors written off		140	Oct 31	Income statement	190
31	Ansari Stores		50			190
			190			190

Provision for doubtful debts account							
Date	Details	Folio	\$	Date	Details	Folio	\$
20-6				20-6			
Oct 31	Balance	c/d	250	Oct 31	Income statement		250
			<u>250</u>				<u>250</u>
				20-6			
				Nov 1	Balance	b/d	250

- On 31 October 20-7 Chandra:
 - agreed to accept equipment valued at \$100 from Khalid in settlement of a debt written off during the year ended 31 October 20-6.
 - decided to increase the provision for doubtful debts to \$310.
- Prepare journal entries to record the above information, including year-end transfers.
- Show the appropriate ledger accounts after posting these entries.

Chandra Journal				
Date	Details	Folio	Debit \$	Credit \$
20-7				
Jun 30	Equipment		100	
	Debts recovered			100
	Equipment accepted in settlement of debt previously written off			
Oct 31	Income statement		60	
	Provision for doubtful debts			60
	Adjustment to provision for doubtful debts			

Chandra Nominal ledger Debits recovered account							
Date	Details	Folio	\$	Date	Details	Folio	\$
20-7				20-7			
Oct 31	Income statement		<u>100</u>	Jun 30	Equipment		100
			<u>100</u>				<u>100</u>

Equipment account						
Date	Details	Folio	\$	Date	Details	Folio
20-7						
Oct 31	Debts recovered		100			

Provision for doubtful debts account							
Date	Details	Folio	\$	Date	Details	Folio	\$
20-6				20-6			
Oct 31	Balance	c/d	250	Oct 31	Income statement		250
			<u>250</u>				<u>250</u>
20-7				20-6			
Oct 31	Balance	c/d	310	Nov 1	Balance	b/d	250
			<u>310</u>	20-7			
				Oct 31	Income statement		60
							<u>310</u>
				20-7			
				Nov 1	Balance	b/d	310

- The alternative ways of recording debts recovered are explained on Page 172:

15.5 Correction of errors

Errors which are not shown by a trial balance

There are six types of error which can be made which will not be revealed by the trial balance. These are:

Error of commission

Error or complete reversal

Error of omission

Error of original entry

Error of principle

Compensating errors

When such errors are discovered, they should be corrected by means of a journal entry before making entries in the appropriate ledger accounts

Walkthrough 15.6

Chandra's financial year ends on 31 October.

The totals of the trial balance prepared on 31 October 20–7 agreed, but the following errors were later discovered.

- a The purchase of stationery, \$30, had been debited to the purchases account.
- b A cheque, \$500, received from K Singh had been credited to the account of H Singh.
- c The wages account had been under-cast by \$100 and the purchases account had been overcast by \$100.

Prepare the necessary journal entries to correct these errors.

Chandra Journal				
Date	Details	Folio	Debit \$	Credit \$
20–7				
a Oct 31	Stationery		30	
	Purchases			30
	Error in posting stationery to purchases now corrected			
b	H Singh		500	
	K Singh			500
	Error in posting cheque to wrong personal account now corrected			
c	Wages		100	
	Purchases			100
	Wages under-cast and purchases over-cast, now corrected			

Errors which affect a trial balance

Some errors may occur that result in the totals of the trial balance not balancing. If the errors are not found immediately, the trial balance is balanced by inserting the difference between the two sides in a **suspense account**.

Walkthrough 15.7

Chandra's financial year ends on 31 October.

The totals of the trial balance prepared on 31 October 20-8 failed to agree. The difference of \$260 was a shortage on the debit side. This was entered in a suspense account.

The following errors were later discovered:

- a** The purchases account had been over-cast by \$110.
- b** No entry had been made for office expenses, \$20, paid in cash.
- c** Credit sales, \$630, to Anil had been correctly entered in the sales account but debited as \$360 in Anil's account.
- d** Capital introduced by Chandra, \$5 000 (paid into the bank), has been debited to the capital account and credited to the bank account.
- e** A cheque, \$200, received from a debtor, Yuvraj, has been correctly entered in the bank account, but no other entry has been made.
- f** Sales returns, \$150, have been correctly entered in the credit customer's account but have been credited to the purchases returns account.

Prepare the necessary journal entries to correct these errors.

Write up the suspense account in Chandra's ledger.

Chandra Journal				
Date	Details	Folio	Debit \$	Credit \$
20-8				
a Oct 31	Suspense		110	
	Purchases			110
	Purchases over-cast, now corrected			
b	Office expenses		20	
	Cash			20
	Omission of cash paid for office expenses, now corrected			
c	Anil		270	
	Suspense			270
	Sales, \$630, incorrectly entered in Anil's account as \$360, now corrected			
d	Bank		10 000	
	Capital			10 000
	Capital introduced debited to capital and credited to bank, now corrected			

e	Suspense		200	
	Yuvraj			200
	Cheque received from Yuvraj entered only in the bank, now corrected			
f	Sales returns		150	
	Purchases returns		150	
	Suspense			300
	Sales returns incorrectly credited to purchases returns, now corrected			

Chandra Nominal ledger Suspense account							
Date	Details	Folio	\$	Date	Details	Folio	\$
20-8				20-8			
Oct 31	Difference on trial balance	260		Oct 31	Anil		270
	Purchases	110			Sales returns		150
	Yuvraj	200			Purchases returns		150
		<u>570</u>					<u>570</u>

- An entry was required in the suspense account to correct errors **a**, **c**, **e** and **f** as all these affected the balancing of the trial balance.
- No entry was required in the suspense account to correct errors **b** and **d** as these did not affect the balancing of the trial balance.
- Error **f** required two accounts to be debited – the sales returns and the purchases returns – with the corresponding credits in the suspense account in order to correct the error.
- Where an entry has been reversed (as in error **d**) it is necessary to double the amount of the error in order to correct it and to restore the accounts to the correct amount.

15.6 Effect on profit of correcting errors

If errors are discovered after the income statement has been prepared, it may be necessary to amend the profit figure.

Walkthrough 15.8

Chandra's financial year ends on 31 October.

The totals of the trial balance prepared on 31 October 20–8 failed to agree. The difference was entered in a suspense account and draft financial statements were prepared. The profit for the year was \$15 000.

The following errors were later discovered:

- a** The purchases account had been over-cast by \$110.
- b** No entry had been made for office expenses, \$20, paid in cash.
- c** Credit sales, \$630, to Anil had been correctly entered in the sales account but debited as \$360 in Anil's account.
- d** Capital introduced by Chandra, \$5 000 (paid into the bank), has been debited to the capital account and credited to the bank account.
- e** A cheque, \$200, received from a credit customer, Yuvraj, has been correctly entered in the bank account, but no other entry has been made.
- f** Sales returns, \$150, have been correctly entered in the credit customer's account but have been credited to the purchases returns account.

Prepare a statement to show the corrected profit for the year ended 31 October 20–8.

Chandra		
Statement of corrected profit for the year ended 31 October 20–8		
	\$	\$
Profit for the year from income statement		15 000
Add Purchases over-cast		110
		<u>15 110</u>
Less Office expenses omitted	20	
Sales returns understated	150	
Purchases returns overstated	<u>150</u>	<u>320</u>
Corrected profit for the year		<u>14 790</u>

- Errors **c**, **d** and **e** do not affect the calculation of the profit.
- If the purchases are over-cast, the profit will be understated and therefore \$110 must be added.
- If expenses have been omitted, the profit will be overstated and therefore \$20 must be deducted.
- If the sales returns have been understated, the profit will be overstated and so \$150 must be deducted.
- If the purchases returns have been overstated, the profit will also be overstated and therefore \$150 must be deducted.

15.7 Effect on statement of financial position of correcting errors

If errors are discovered and corrected after the preparation of financial statements, the statement of financial position may have to be amended. If the profit for the year has been corrected this will affect the capital section of the statement, but other items may also need to be amended.

Walkthrough 15.9

Chandra's financial year ends on 31 October.

The totals of the trial balance prepared on 31 October 20–8 failed to agree. The difference was entered in a suspense account and draft financial statements were prepared.

The following errors were later discovered:

- a** The purchases account had been over-cast by \$110.
- b** No entry had been made for office expenses, \$20, paid in cash.
- c** Credit sales, \$630, to Anil had been correctly entered in the sales account but debited as \$360 in Anil's account.
- d** Capital introduced by Chandra, \$5 000 (paid into the bank), has been debited to the capital account and credited to the bank account.
- e** A cheque, \$200, received from a credit customer, Yuvraj, has been correctly entered in the bank account, but no other entry has been made.
- f** Sales returns, \$150, have been correctly entered in the credit customer's account but have been credited to the purchases returns account.

The corrected profit for the year ended 31 October 20–8 was \$14 790.

Explain how correcting **each** of these errors will affect the statement of financial position at 31 October 20–8.

Errors **a**, **b**, and **f** do not affect items within the statement of financial position directly, but are used in the calculation of the corrected profit for the year. The profit which is added to the capital in the statement will need to be amended to the correct figure of \$14 790.

To correct error **c** the figure for trade receivables in the current assets section of the statement will have to be increased by \$270.

To correct error **d** the capital figure will have to be increased by \$10 000. The figure for bank in the current assets section of the statement will also have to be increased by \$10 000.

To correct error **e** the figure for trade receivables in the current assets section of the statement will have to be reduced by \$200.

Chapter 16- Control accounts

16.1 Introduction

Control accounts are also known as total accounts. If the trial balance fails to balance and the error cannot be readily located, it is necessary to check all the accounting records. This can take a considerable amount of time.

16.2 Advantages of control accounts

Where a full set of accounting records is maintained, it is usual to prepare a **sales ledger control account** and a **purchases ledger control account**. The advantages of preparing these accounts are as follows:

- 1 They can assist in locating errors when the trial balance fails to balance.
- 2 They are proof of the arithmetical accuracy of the ledgers they control.
- 3 The balances on these accounts are regarded as being equal to the total of the trade receivables and the total of the trade payables, so this information is available immediately.
- 4 Draft financial statements can be prepared quickly because of the balances provided by the control accounts.
- 5 They help to reduce fraud as the control accounts are prepared by someone who has not been involved in making the entries in those particular ledgers.
- 6 They provide a summary of the transactions affecting the trade receivables and trade payables for each financial period.

16.3 Sales ledger control account

This is also referred to as a **total trade receivables account**. This account resembles the account of a credit customer, but instead of containing transactions concerned with just one person or business it contains transactions relating to all the debtors

16.4 Purchases ledger control account

This is also known as a **total trade payables account**. This account resembles the account of a credit supplier, but instead of containing transactions concerned with just one person or business it contains transactions relating to all the creditors. A typical purchases ledger control account is shown here.

Walkthrough 16.1

Shweta maintains a full set of accounting records and prepares control accounts at the end of each month.

She provided the following information:

		\$
20-8	March 1	Sales ledger control account balance
		1200 debit
	March 31	Totals for the month:
		Sales journal
		4890
		Sales returns journal
		250
		Cheques and bank transfers received from credit customers
		3892
		Discount allowed to credit customers
		8
		Cash received from credit customers
		120
		Cash refunds to credit customers
		19
		Cheque received (included in the above figure) later dishonoured
		80
		Irrecoverable debts written off
		94

Prepare Shweta's sales ledger control account for the month of March 20-8.

Shweta Nominal ledger Sales ledger control account							
Date	Details	Folio	\$	Date	Details	Folio	\$
20-8				20-8			
Mar 1	Balance	b/d	1200	Mar 31	Sales returns		250
31	Sales		4890		Cash		120
	Bank (dishonoured cheque)		80		Bank		3892
	Cash (refunds)		19		Discount allowed		8
					Irrecoverable debts		94
					Balance	c/d	1825
			6189				6189
20-8							
Apr 1	Balance	b/d	1825				

Nominal ledger							
Purchases ledger control account							
Date	Details	Folio	\$	Date	Details	Folio	\$
	Purchases returns				Balance	b/d	
	Cash				Purchases		
	Bank				Interest charged		
	Discount received				Bank/Cash (refunds)		
	Balance	c/d					
					Balance	b/d	

The information to prepare a purchases ledger control account is obtained from the books of prime entry. The sources of information are summarised as follows:

Item	Source of information
Purchases	Purchases journal
Purchases returns	Purchases returns journal
Payments to credit suppliers	Cash book
Discounts received from credit suppliers	Cash book
Refunds from credit suppliers	Cash book
Interest charged on overdue accounts	Journal

Walkthrough 16.2

Shweta maintains a full set of accounting records and prepares control accounts at the end of each month.

She provided the following information:

			\$
20-8	March 1	Purchases ledger control account balance	1880 credit
	March 31	Totals for the month:	
		Purchases journal	4230
		Purchases returns journal	180
		Cheques and bank transfers paid to credit suppliers	3900
		Discount received from credit suppliers	104
		Cheque refunds from credit suppliers	100
		Interest charged on overdue account	12

Prepare Shweta's purchases ledger control account for the month of March 20-8.

Shweta							
Nominal ledger							
Purchases ledger control account							
Date	Details	Folio	\$	Date	Details	Folio	\$
20-8				20-8			
Mar 31	Purchases returns	180		Mar 1	Balance		1880
	Bank	3900		31	Purchases		4230
	Discount received	104			Bank (refunds)		100
	Balance	c/d	2038		Interest charged		12
			<u>6222</u>				<u>6222</u>
				20-8			
				Apr 1	Balance	b/d	2038

16.5 Balances on both sides of a control account

Occasionally a credit customer's account may show a credit balance. This may occur due to:

- an overpayment by the customer
- the customer returning goods after paying the account
- the customer paying in advance for the goods
- cash discount not being deducted before payment was made.

Walkthrough 16.3

Shweta maintains a full set of accounting records and prepares control accounts at the end of each month.

She provided the following information:

			\$
20-8	April 1	Sales ledger control account balance	1825 debit
	April 30	Totals for the month:	
		Sales journal	4910
		Sales returns journal	210
		Cheques and bank transfers received from credit customers	4788
		Discount allowed to credit customers	12
		Interest charged on overdue account	10
	May 1	Sales ledger credit balances	115

Prepare Shweta's sales ledger control account for the month of April 20-8.

Shweta							
Nominal ledger							
Sales ledger control account							
Date	Details	Folio	\$	Date	Details	Folio	\$
20-8				20-8			
Apl 1	Balance	b/d	1825	Apl 30	Sales returns		210
30	Sales		4910		Bank		4788
	Interest charged		10		Discount allowed		12
	Balance	c/d	115		Balance	c/d	1850
			<u>6860</u>				<u>6860</u>
20-8				20-8			
May 1	Balance	b/d	1850	May 1	Balance	b/d	115

In a similar way, a credit supplier's account can show a debit balance. This may occur due to:

- an overpayment to the supplier
- returning goods to the supplier after paying the account
- paying the supplier in advance for the goods
- cash discount not being deducted before payment was made

16.6 Contra entries in control accounts

Contra entries are also known as inter-ledger transfers or **set-offs**. It may happen that a business sells goods to another business and also buys different goods from that business.

Walkthrough 16.4

Shweta provided the following information:

20-8

- May 15 Sold goods, \$190, on credit to Mansingh Road Stores
 22 Bought goods, \$320, on credit from Mansingh Road Stores
 30 The balances of the two accounts for Mansingh Road Stores were set-off and Shweta sent a cheque for the remaining balance.

Record these transactions in the account for Mansingh Road Stores in the sales ledger and the account for Mansingh Road Stores in the purchases ledger.

Shweta Sales ledger Mansingh Road Stores account							
Date	Details	Folio	\$	Date	Details	Folio	\$
20-8				20-8			
May 15	Sales		190	May 30	Purchases ledger		190
			<u>190</u>				<u>190</u>

Purchases ledger Mansingh Road Stores account							
Date	Details	Folio	\$	Date	Details	Folio	\$
20-8				20-8			
May 30	Sales ledger		190	May 22	Purchases		320
	Bank		<u>130</u>				
			<u>320</u>				<u>320</u>

- A journal entry would be made for the transfer of \$190 on 30 May as it is a non-regular transaction.
- As the transfer of \$190 on 30 May affected both the accounts in sales ledger and purchases ledger, it would affect both the sales ledger control account and the purchases ledger control account. See Walkthrough 16.5.

Chapter 17 Incomplete records

17.1 Introduction

Sometimes businesses, small businesses in particular, do not maintain a full set of accounting records.

17.2 Advantages of maintaining double entry records

Maintaining a full set of double entry record is important and provides many benefits. These include the following:

- 1 Full details are available about the assets, liabilities, revenues and expenses of the business.
- 2 The preparation of financial statements is relatively straightforward.
- 3 The calculation of the profit or loss for the year is likely to be reliable and accurate.
- 4 More informed decision-making is possible.
- 5 A greater degree of control over business activities can be exercised.
- 6 The possibility of fraud is reduced.
- 7 Comparisons with the results of previous years and with other businesses are possible.
- 8 Detailed records are available for reference purposes.
- 9 Information required by a bank or other lender is readily available.

17.3 Statement of affairs

If the only records available are those relating to the assets and liabilities of the business it is not possible to prepare an income statement. **These assets and liabilities are listed in a statement of affairs which is similar to a statement of financial position.**

The basic formula for calculating profit is:

Closing capital – Opening capital = Profit

Part of the difference between the two capital figures may be caused by drawings made by the owner. If drawings have taken place during the period, the formula must be modified to:

Closing capital – Opening capital + Drawings = Profit

If additional capital has been introduced during the period, this will also account for some of the difference between the two capital figures. The formula must be modified to:

Closing capital – Opening capital + Drawings – Capital introduced = Profit

17.5 Mark-up, margin and inventory turnover

When dealing with incomplete records, it is sometimes necessary to use percentages to calculate missing information.

Mark-up and margin

These both measure the gross profit as a percentage. The mark-up is the gross profit measured as a percentage of the cost price. The margin is the gross profit measured as a percentage of selling price.

Walkthrough 17.5

A trader's turnover for the year were \$20 000 and the cost of goods sold was \$15 000.

Calculate:

- the margin
- the mark-up.

a The margin $\frac{\text{Gross profit}}{\text{Sales}} \times \frac{100}{1} = \frac{\$5\,000}{\$20\,000} \times \frac{100}{1} = 25\%$

b The mark-up $\frac{\text{Gross profit}}{\text{Cost of sales}} \times \frac{100}{1} = \frac{\$5\,000}{\$15\,000} \times \frac{100}{1} = 33.33\%$

Applying either margin or mark-up, it is possible to calculate any one unknown figure in the trading account section of an income statement.

Walkthrough 17.6

The financial year of North West Traders ends on 30 November. The following information is provided:

	\$
Inventory 1 December 20–3	4 600
Inventory 30 November 20–4	5 200
Revenue	72 000

The mark-up is at a standard rate of 25%.

Calculate, by means of a trading account section of an income statement, the purchases for the year ended 30 November 20–4.

North West Traders		
Income statement for the year ended 30 November 20–4		
	\$	\$
Revenue		72 000
Less: Cost of sales		
Opening inventory	4 600	
Purchases	58 200 d	
	62 800 c	
Less: Closing inventory	5 200	57 600 b
Gross profit		14 400 a

- An outline statement was prepared and the figures for revenue, opening inventory and closing inventory were inserted, with gaps left for purchases, cost of sales and gross profit.
- The gross profit was calculated. The mark-up is 25% so the gross profit is 25% of the cost of sales, so the selling price equals 125%. The gross profit is $\frac{25}{125}$ of the revenue which is $\frac{1}{5}$ or 20% of \$72 000. The gross profit is, therefore, \$14 400, **a**.
- The cost of sales was inserted as the difference between the revenue and the gross profit. Alternatively, it can be calculated at $\frac{100}{125}$ of the revenue which is $\frac{4}{5}$ or 80% of \$72 000. The cost of sales is, therefore, \$57 600, **b**.
- The purchases figure was calculated by working 'backwards' from the cost of sales. The cost of sales plus the opening inventory amounted to \$62 800, **c**. This figure less the opening inventory equals the purchases of \$58 200, **d**.

Rate of inventory turnover

It is sometimes necessary to use calculations relating to the rate of inventory turnover in order to calculate an unknown figure in the trading account section of an income statement. The **rate of inventory** turnover is the number of times a business replaces its inventory in a given period of time.

The formula for calculating the rate of inventory turnover is:

$$\frac{\text{Cost of sales}}{\text{Average inventory}}$$

Walkthrough 17.7

M Parmar is a trader. The financial year ends on 31 October. The following information is provided:

Inventory 1 November 20–1 12 000

Inventory 31 October 20–2 8 000

The margin is at a standard rate of 20%.

The rate of inventory turnover is 15 times a year.

Calculate, by means of the trading account section of an income statement, the purchases for the year ended 31 October 20–2.

M Parmar			
Income statement for the year ended 31 October 20–2			
	\$	\$	
Revenue		187 500	e
Less Cost of sales			
Opening inventory	12 000		
Purchases	146 000		c
	158 000		b
Less Closing inventory	8 000	150 000	a
Gross profit		37 500	d

- An outline of the statement was prepared and the figures of opening inventory and closing inventory were inserted, with gaps left for revenue, purchases, cost of sales and gross profit.

- The average inventory was calculated.

$$\begin{aligned} \text{Average inventory} &= \frac{\text{Opening inventory} + \text{Closing inventory}}{2} \\ &= \frac{12\,000 + 8\,000}{2} = \$10\,000 \end{aligned}$$

- The cost of sales was calculated:

$$\begin{aligned} \text{Rate of inventory turnover} &= \frac{\text{Cost of sales}}{\text{Average inventory}} \\ &= \frac{\text{Cost of sales}}{10\,000} = 15 \end{aligned}$$

The cost of sales is, therefore \$150 000.

- The cost of sales was inserted in the statement, **a**.
- The purchases figure was calculated by working 'backwards' from the cost of sales, **b** and **c**.

- The gross profit was calculated. The margin is 20% so the gross profit is 20% of the revenue (sales). The selling price equals 100%, the gross profit equals 20%, so the cost of sales equals 80%. The gross profit is $\frac{20}{80}$ of the cost of sales which is $\frac{1}{4}$ or 25% of \$150 000. The gross profit is \$37 500, **d**.
- The revenue figure was calculated by working 'backwards'. The gross profit plus the cost of sales equals the sales (revenue), **e**.

Chapter 18-Accounts of clubs and societies

18.1 Introduction

This chapter concentrates on the accounts of **non-trading organisations** such as clubs and societies.

The main source of income of a society is **subscriptions**. These are the amounts members pay, usually annually, to use the facilities provided by the club or society.

These financial statements may consist of a **receipts and payments account**, possibly a **trading account section of an income statement**, an **income and expenditure account** and a **statement of financial position**

18.2 Preparation of a receipts and payments account

A **receipts and payments account** is regarded as a **summary of the cash book** for the financial year. All money received is debited and all money paid is credited.

A receipts and payments account, just like a cash book, records all money received and paid. It is important to remember that:

- no adjustments are made for accruals and prepayments
- no distinction is made between capital receipts and revenue receipts
- no distinction is made between capital expenditure and revenue expenditure
- non-monetary items such as depreciation are not included.

18.3 Preparation of an income statement of a club or society

Although buying and selling is not the main purpose of a club or society, many do carry out a trading activity. Many clubs operate a shop or a café where goods are bought and sold. At the end of the financial year **an income statement (trading section only)** should be prepared for each separate trading activity to show the profit earned on that activity.

Walkthrough 18.2

The Apollo Athletics Club was formed some years ago to provide various sporting facilities for its members. The club also has a shop where members can purchase sportswear.

The treasurer provided the following information for the year ended 31 July 20–8:

	\$
Receipts from shop sales	3 960
Purchases of goods for resale	2 130
Shop inventory 1 August 20–7	240
Shop inventory 31 July 20–8	310
Wages of shop assistant	1 300

Prepare the shop income statement of the Apollo Athletics Club for the year ended 31 July 20–8.

Apollo Athletics Club			
Shop income statement for the year ended 31 July 20–8			
		\$	\$
Revenue			3 960
Less Cost of sales			
Opening inventory	240		
Purchases	2 130		
	<u>2 370</u>		
Less Closing inventory	310		
Cost of goods sold	<u>2 060</u>		
Wages of shop assistant	1 300		3 360
Profit on shop (transferred to income and expenditure account)			<u>600</u>

18.4 Preparation of an income and expenditure account

An **income and expenditure account** compares the gains of the club with the expenses of running the club. If the gains are more than the expenses the difference is referred to as a **surplus** or **excess of income over expenditure** (this is known as the profit for the year in a business). If the gains are less than the expenses the difference is referred to as a **deficit** or **excess of expenditure over income** (this is known as the loss for the year in a business).

18.5 Preparation of a statement of financial position of a club or society

The main difference is that there is **no capital in the statement of financial position of a club or society** whereas a business is usually financed by an investment of capital from the owner(s).

This means that these surpluses will **accumulate** within the organisation to form a capital fund known as the accumulated fund. If the club makes a deficit then the **accumulated fund** will decrease. This **accumulated fund replaces capital in the statement of financial position of a club or society**.

Walkthrough 18.4

The Apollo Athletics Club was formed some years ago to provide various sporting facilities for its members. The club also has a shop where members can purchase sportswear.

On 1 August 20–7 the following balances appeared in the books of the club:

	\$
Premises at cost	20 000
Equipment at cost	14 200
Provision for depreciation of equipment	5 680
Balance at bank	2 200
Shop inventory	240
Accumulated fund	30 960

The income and expenditure account for the year ended 31 July 20–8 showed a surplus of \$793.

During the year ended 31 July 20–8 new equipment costing \$2 950 was purchased. The depreciation on equipment for the year amounted to \$1 715.

On 31 July 20–8:

	\$
Balance at bank	1 932
Shop inventory	310
Insurance prepaid	16
Wages of athletics coach outstanding	400
Subscriptions owing by members	300
Subscriptions paid in advance by members	160

Prepare the statement of financial position of the Apollo Athletics Club at 31 July 20–8.

Apollo Athletics Club			
Statement of financial position at 31 July 20–8			
	\$ Cost	\$ Accumulated depreciation	\$ Net book value
Non-current assets			
Premises	20 000	–	20 000
Equipment	17 150	7 395	9 755
	<u>37 150</u>	<u>7 395</u>	<u>29 755</u>
Current assets			
Shop inventory		310	
Subscriptions accrued		300	
Other receivables		16	
Bank		<u>1 932</u>	
			<u>2 558</u>
Total assets			<u>32 313</u>
Accumulated fund and liabilities			
Accumulated fund			
Opening balance			30 960
Plus Surplus for the year			<u>793</u>
			<u>31 753</u>
Current liabilities			
Other payables			400
Subscriptions prepaid			<u>160</u>
			<u>560</u>
Total liabilities			<u>32 313</u>

- The subscriptions owing could have been included under other receivables and the subscriptions prepaid could have been included under the other payables. In this case a note to the statement of financial position would show the breakdown of these figures.

18.6 Comparison of accounting terms used by a business and those used by a club or society

Business

–

Profit and loss account section of income statement

Profit for the year

Loss for the year

Capital

Club or society

Receipts and payments account

Income and expenditure account

Surplus

Deficit

Accumulated fund

18.7 Subscriptions

The receipts and payments account shows the amount of subscriptions **received** during the financial year, but the income and expenditure account shows the amount of subscriptions **relating** to the financial year.

The calculation of the amount relating to the financial year may be shown in the form of a ledger account known as a **subscriptions account**.

Walkthrough 18.5

The Apollo Athletics Club was formed some years ago to provide various sporting facilities for its members.

On 1 August 20–7 there were no subscriptions owing by members and no members had paid their subscriptions in advance.

During the year ended 31 July 20–8 the club received subscriptions totalling \$5 860 from members. This included subscriptions of \$20 each from eight members for the following financial year. On 31 July 20–8 subscriptions of \$20 each for the current financial year were still outstanding from 15 members.

During the year ended 31 July 20–9 the club received subscriptions from members totalling \$6 020. On 31 July 20–9 there were subscriptions outstanding of \$120.

Prepare the subscriptions account in the books of the Apollo Athletics Club for **each** of the two years ended 31 July 20–8 and 31 July 20–9.

Apollo Athletics Club Subscriptions account							
Date	Details	Folio	\$	Date	Details	Folio	\$
20–8				20–8			
July 31	Balance	c/d	160	July 31	Bank/cash		5 860
	Income & expenditure		6 000		Balance	c/d	300
			<u>6 160</u>				<u>6 160</u>
20–8				20–8			
Aug 1	Balance	b/d	300	Aug 1	Balance	b/d	160
20–9				20–9			
July 31	Income & expenditure		6 000	July 31	Bank/cash		6 020
			<u>6 300</u>		Balance	c/d	120
							<u>6 300</u>
20–9							
Aug 1	Balance	b/d	120				

A club may have a policy that subscriptions which remain unpaid after a certain period of time are written off. The entries are similar to those made when a business writes off an irrecoverable debt. The subscriptions account is credited with the amount written off before the subscriptions for the year are transferred to the income and expenditure account. These irrecoverable debts will be included in the expenses in the income and expenditure account.

18.8 Calculation of sales and purchases

As the accounts of a club or society are often incomplete it is often necessary to calculate credit purchases (and sometimes credit sales if goods are sold on credit) before the preparation of the income statement.

18.9 Calculation of accumulated fund

It is sometimes necessary to calculate the accumulated fund of a club or society. This can be calculated by applying the same formula used to calculate the capital of a business.

Walkthrough 18.6

The Apollo Athletics Club has a shop where members can purchase sportswear. All the sales are made for cash and all purchases are made on credit terms.

The treasurer provided the following information:

	\$
Trade payables 1 August 20–5	155
Trade payables 31 July 20–6	215
Amount paid to credit suppliers during the year ended 31 July 20–6	2 980

Calculate the purchases for the year ended 31 July 20–6.

Apollo Athletics Club Total trade payables account							
Date	Details	Folio	\$	Date	Details	Folio	\$
20–6				20–5			
July 31	Bank		2 980	Aug 1	Balance	b/d	155
	Balance	c/d	215				
			<u>3 195</u>	July 31	Purchases		3 040*
							<u>3 195</u>
				20–6			
				Aug 1	Balance	b/d	215

* This represents the purchases for the year and will appear in the shop income statement.

In a business Assets = Capital + Liabilities
 In a club or society Assets = Accumulated fund + Liabilities

Walkthrough 18.7

On 1 August 20–6 the assets and liabilities of the Apollo Athletics Club were as follows:

	\$
Premises at cost	20 000
Equipment at cost	14 200
Provision for depreciation of equipment	4 260
Balance at bank	1 700
Shop inventory	285
Trade payables for shop supplies	215

Calculate the accumulated fund on 1 August 20–7.

Calculation of accumulated fund on 1 August 20–6			
		\$	\$
Assets	Premises at cost		20 000
	Equipment at cost	14 200	
	Less Provision for depreciation	4 260	9 940
	Balance at bank		1 700
	Shop inventory		285
			31 925
Liabilities	Trade payables		215
Accumulated fund			31 710

Chapter 19 Partnerships

19.1 Introduction

The earlier chapters (except Chapter 18) related to businesses which were owned by only one person (a sole trader). Another very common form of business is a **partnership**. A **partnership is a business in which two or more people work together as owners with a view to making profits.**

However, a partnership will prepare an extra account after the income statement. This is known as a **profit and loss appropriation account**.

19.2 The advantages and disadvantages of partnership businesses

Before agreeing to enter into a partnership business a person must consider the likely advantages and disadvantages of such an arrangement. The advantages and disadvantages are summarised as follows:

Advantages	Disadvantages
Additional finance is available.	Profits have to be shared among the partners.
Additional knowledge, experience and skills are available.	Decisions have to be recognised by all partners.
The responsibilities are shared.	Decisions may take longer to put into effect.
The risks are shared.	One partner's actions on behalf of the business are binding on all the partners.
Discussions can take place before decisions are taken.	Disagreements can occur.
	All partners are responsible for the debts of the business.

19.3 Partnership agreement

Although it is not legally necessary to draw up a **partnership agreement** when forming a partnership, it is advisable to do so.

Those relating to the accounting usually include the following:

19.4 Loans from partners

A partnership may borrow money from one of the partners if extra finance is required (particularly if it is needed for a fixed period of time). Loans from partners are **not** part of the capital of the business and are treated in the same way as any other loan.

Amount of capital invested by each partner	Partners do not need to invest equal amounts.
How profits and losses are to be shared	Profits and losses may be shared equally, in proportion to capital invested or in some other ratio.
If interest on partners' capital is to be paid, and if so, at what rate	This interest is a reward for investing in the business rather than elsewhere. If all partners invest the same amount it may not be necessary to pay interest. Where partners invest different amounts, interest can be a form of compensation to the person who has invested most capital.
If partners' salaries are to be paid, and if so, what amount	If all partners share the work and responsibilities equally it may be not necessary to pay salaries. A salary can be a form of compensation where one partner has a greater share of the work and responsibilities.
If an upper limit is to be placed on partners' drawings, and if so, what amount	The business will benefit if partners keep drawings as low as possible.
If interest on partners' drawings is to be charged, and if so, at what rate	This is a method of discouraging partners from making drawings from the business (especially early in the financial year). Interest on the amount withdrawn is calculated from the date of withdrawal until the end of the financial year.
If interest on partners' loans is to be paid, and if so, at what rate	If extra finance is required a partner may make a loan to the business. To compensate for the loss of interest they could otherwise earn, interest on the loan may be paid.

When a loan is obtained from a partner

Debit bank account Credit loan from partner X account

When a loan is repaid to a partner

Debit loan from partner X account	Credit bank account
-----------------------------------	---------------------

The loan account appears as a non-current liability in the statement of financial position

Interest on loan paid

Debit interest on loan account	Credit bank account
--------------------------------	---------------------

Interest on loan due but not paid

Debit interest on loan account	Credit partner X current account*
--------------------------------	-----------------------------------

19.5 Preparation of a profit and loss appropriation account of a partnership business

The profit and loss **appropriation account** for the financial year is prepared after the income statement and shows how the profit for the year is shared between the partners

The **appropriations** (profit shares) detailed in the partnership agreement for interest on capital and partners' salaries are deducted. The remaining figure is known as the **residual profit** and is shared between the partners in the agreed profit-sharing ratio.

Walkthrough 19.1

Sumit and Padma are in partnership. Their financial year ends on 31 May. They provide the following information:

		\$
Capital on 1 June 20–8	Sumit	40 000
	Padma	20 000
Drawings for the year ended 31 May 20–9	Sumit	11 000
	Padma	8 000
Profit for the year ended 31 May 20–9		24 680

The partnership agreement includes the following terms:

Interest on capital is allowed at 5% per annum

Interest on drawings is charged at 3% per annum

Padma is entitled to a partnership salary of \$9 500 per annum

Residual profits are shared in proportion to capital invested

Prepare the profit and loss appropriation account for the year ended 31 May 20–9.

Sumit and Padma				
Profit and loss appropriation account for the year ended 31 May 20–9				
		\$	\$	\$
Profit for the year				24 680
Add Interest on drawings	Sumit		330	
	Padma		240	570
				25 250
Less Interest on capital	Sumit	2 000		
	Padma	1 000	3 000	
Partner's salary	Padma		9 500	12 500
				12 750
Profit shares*	Sumit		8 500	
	Padma		4 250	12 750

*The profit shares are calculated.

$$\text{Sumit } \frac{40\,000}{60\,000} \times \frac{12\,750}{1} \quad \text{Padma } \frac{20\,000}{60\,000} \times \frac{12\,750}{1}$$

19.6 Partners' ledger accounts

Capital accounts

These usually record permanent increases or decreases in the capital invested by the individual partner. Capital accounts prepared in this way are referred to as **fixed capital accounts**.

Current accounts

Each member of a partnership business also has a current account. Anything which the partner becomes entitled to such as interest on capital, interest on loan, partner's salary and profit share is credited to this account

Drawings accounts

A drawings account is maintained for each partner. The total of this account is transferred to the partner's current account at the end of the financial year.

Walkthrough 19.2

Sumit and Padma are in partnership. Their financial year ends on 31 May. They provide the following information:

	Sumit \$	Padma \$
On 1 June 20–8:		
Capital account	40 000	20 000
Current account	130 cr	910 dr
For the year ended 31 May 20–9:		
Drawings	11 000	8 000
Interest on drawings	330	240
Interest on capital	2 000	1 000
Partner's salary		9 500
Profit share	8 500	4 250

Prepare the capital account and the current account of Sumit for the year ended 31 May 20–9.

Sumit and Padma Sumit capital account							
Date	Details	Folio	\$	Date	Details	Folio	\$
				20–8			
				Jun 1	Balance	b/d	40 000

Sumit current account							
Date	Details	Folio	\$	Date	Details	Folio	\$
20–9				20–8			
May 31	Drawings	11 000		Jun 1	Balance	b/d	130
	Interest on drawings	330		20–9			
				May 31	Interest on capital		2 000
					Profit share		8 500
					Balance	c/d	700
			<u>11 330</u>				<u>11 330</u>
20–9							
Jun 1	Balance	b/d	700				

It saves time to show partners' capital accounts and current accounts side-by-side using a column for each partner.

19.7 Preparation of a statement of financial position of a partnership business

A statement of financial position of a partnership is same as that of a sole trader with the exception of the capital section.

Walkthrough 19.4

Sumit and Padma are in partnership. Their financial year ends on 31 May. Their current accounts are shown in **Walkthrough 19.3**.

Prepare a relevant extract from the statement of financial position of Sumit and Padma at 31 May 20–9.

Sumit and Padma			
Extract from statement of financial position at 31 May 20–9			
	Sumit	Padma	Total
	\$	\$	\$
Capital accounts	40 000	20 000	60 000
Current accounts	(700)*	5 600	4 900
	<u>39 300</u>	<u>25 600</u>	<u>64 900</u>

* The debit balance on Sumit's current account is shown as a minus, which reduces the amount owed by the business to Sumit.

Chapter 20-Manufacturing accounts

20.1 Introduction

At the end of the financial year, in addition to an income statement (and possibly an appropriation account) and statement of financial position, a manufacturing business will also prepare a **manufacturing account**.

20.2 The elements of cost

Direct material

The first thing a manufacturer needs is raw material to make the finished goods. This raw material takes many forms depending on the type of business – a baker will need flour, a furniture maker will need wood, a car maker will need steel and so on.

Direct labour

The next essential cost for a manufacturer is the cost of the wages of the people who are employed in the factory making the goods. Depending on the type of business, these may be bakers, carpenters, machine operators and so on. This cost is sometimes referred to as direct wages.

Direct expenses

These are any expenses which a manufacturer can directly link with the product being manufactured. It may be that for every item produced, a manufacturer has to pay a fee (known as a royalty) to the person who originally invented the product.

Factory overheads

These are sometimes referred to as **indirect factory expenses**. They include all the costs involved in operating the factory which cannot be directly linked with the product being manufactured.

20.3 Preparation of a manufacturing account

The first item in a manufacturing account is **direct material**. The cost of the raw material used during the year is calculated in a similar way to that in which a retailer calculates the cost of goods sold.

The cost of the direct labour is then added to the direct material. Any direct expenses are then added.

The total of these three elements of cost is known as the **prime cost**.

Direct material + Direct labour + Direct expenses = Prime cost

The total **cost of production** is found by adding the factory overheads to the prime cost.

Prime cost + Factory overheads = Cost of production

Walkthrough 20.1

The following information was provided by the Kapoor Manufacturing Company on 30 April 20–6:

	\$
Raw materials – Inventory 1 May 20–5	14 900
Inventory 30 April 20–6	15 300
Purchases	181 200
Carriage on purchases	3 300
Factory wages – Direct	166 100
Indirect	93 800
Royalties	10 000
Factory insurance	2 070
Factory rent and rates	2 930
Factory general expenses	6 350
Depreciation of factory machinery	9 500

Prepare the manufacturing account of the Kapoor Manufacturing Company for the year ended 30 April 20–6.

Kapoor Manufacturing Company		
Manufacturing account for the year ended 30 April 20–6		
	\$	\$
Cost of material consumed		
Opening inventory of raw material	14 900	
Purchases of raw material	181 200	
Carriage on purchases	3 300	
	199 400	
Less Closing inventory of raw material	15 300	184 100
Direct wages		166 100
Direct expenses		
Royalties		10 000
Prime cost		360 200
Factory overheads		
Indirect wages	93 800	
Insurance	2 070	
Rent and rates	2 930	
General expenses	6 350	
Depreciation of machinery	9 500	114 650
Cost of production		474 850

20.4 Work in progress

Goods which are partly completed at the end of the financial year are known as **work in progress**.

The partly-made goods at the end of the financial year are known as **closing work in progress**. These goods will, of course, become the **opening work in progress** at the start of the following financial year.

Walkthrough 20.2

The following information was provided by the Kapoor Manufacturing Company on 30 April 20–6.

	\$
Prime cost	360 200
Factory overheads	114 650
Work in progress – Inventory 1 May 20–5	8 790
Inventory 30 April 20–6	8 640

Prepare the manufacturing account of the Kapoor Manufacturing Company for the year ended 30 April 20–6.

Kapoor Manufacturing Company		
Manufacturing account for the year ended 30 April 20–6		
	\$	\$
Prime cost*		360 200
Factory overheads*		114 650
		<u>474 850</u>
Add Opening work in progress		8 790
		<u>483 640</u>
Less Closing work in progress		8 640
Cost of production		<u>475 000</u>

* Full details would be shown as in Walkthrough 20.1.

20.5 Calculation of unit cost

Where a manufacturer makes only one type of identical product, the cost of making one article can be found by dividing the cost of goods completed by the number of articles manufactured.

Walkthrough 20.3

The Kapoor Manufacturing Company makes one type of identical product. The cost of production during the year ended 30 April 20–6 was \$475 000, and a total of 20 000 articles were completed.

Calculate the unit cost.

$$\text{Unit cost} = \frac{\text{Cost of production}}{\text{Number of units produced}} = \frac{\$475\,000}{20\,000} = \$23.75$$

20.6 Preparation of a trading section of an income statement of a manufacturing business

Sometimes, however, a manufacturing business may purchase some finished goods which it does not manufacture itself. This may occur:

- when production does not meet demand

- when it is cheaper to buy the goods rather than make them
- when those particular items cannot be made by the business.

Walkthrough 20.4

The following information was provided by the Kapoor Manufacturing Company on 30 April 20–6:

	\$
Cost of production*	475 000
Revenue	661 500
Finished goods – Inventory 1 May 20–5	31 000
Inventory 30 April 20–6	23 250
Purchases	15 500

*Calculated in the manufacturing account.

Prepare the trading section of the income statement of the Kapoor Manufacturing Company for the year ended 30 April 20–6.

Kapoor Manufacturing Company		
Income statement for the year ended 30 April 20–6		
	\$	\$
Revenue		661 500
Less Cost of sales		
Opening inventory of finished goods	31 000	
Cost of production	475 000	
Purchases of finished goods	15 500	
	521 500	
Less Closing inventory of finished goods	23 250	498 250
Gross profit		163 250

20.7 Preparation of a profit and loss section of an income statement of a manufacturing business

The profit for the year of a manufacturing business is calculated in the profit and loss section of the income statement. This is very similar to that prepared by a wholesale or retail business. Expenses relating to the manufacturing process have already been entered in the manufacturing account, so only administration expenses, selling and distribution expenses, and financial expenses will appear in the profit and loss section of the income statement.

20.8 Preparation of a statement of financial position of a manufacturing business

The statement of financial position of a manufacturing business is similar to that prepared by a wholesale or retail business. There is only one main difference which is that a manufacturer may have three different inventories – raw material, work in progress and finished goods

Walkthrough 20.5

On 30 April 20–6 the Kapoor Manufacturing Company had inventories valued as follows:

	\$
Raw material	15 300
Work in progress	8 640
Finished goods	23 250

Prepare a relevant extract from the statement of financial position of the Kapoor Manufacturing Company at 30 April 20–6.

Kapoor Manufacturing Company			
Extract from statement of financial position at 30 April 20–6			
		\$	\$
Current assets			
Inventories – Raw materials		15 300	
Work in progress		8 640	
Finished goods		23 250	47 190

20.9 Year-end adjustments

This chapter has concentrated on the difference between the financial statements of a manufacturing business and those of a trading business. In order to emphasise these differences none of the examples included year-end adjustments.

Chapter 21- Limited companies

21.1 Introduction

A **limited company** is a legal entity which has a separate identity from its shareholders, whose liability for the company's debts is limited.

21.2 The nature of a limited company

One person acting alone can form a limited company and there is no maximum number of members. **The capital of a company is divided into units known as shares which can be of any monetary amount. The members (shareholders) of the company are only liable for the debts of the company up to the amount they agree to pay for their shares.**

Profits are distributed among the members in the form of dividends which are often stated in terms of a percentage of the face value of the shares.

Walkthrough 21.1

Dass Limited has a total capital of 200 000 shares of \$2 each and decides to pay the shareholders a dividend of 10%.

- a** What is the total amount payable?
 - b** What is the amount payable per share?
- a** Total amount payable is \$40 000 ($200\,000 \times 10\%$).
 - b** Amount payable per share is \$0.20 (10% of \$2).

There are two types of limited company – a **public limited company** which may offer its shares to the public and a **private limited company** which is usually a smaller company and is not allowed to offer its shares to the public.

21.3 Share capital

When a limited company is formed the amount of share capital required will be issued to the shareholders (members) and this is known as the **issued share capital**. If more capital is required at a later date, further shares can be issued.

The total amount a company has requested from the shareholders is known as the called **up capital**.

The term **paid up capital** refers to that part of the called up capital for which a company has actually received cash from its shareholders.

Walkthrough 21.2

Mishra Limited was formed on 1 January 20–8. A total of 300 000 \$1 shares were issued immediately and shareholders were asked to pay 50% of the sum due immediately and the other 50% in January 20–9.

By 1 May 20–8 holders of 290 000 shares had paid the amount due.

State:

- a The issued capital of Mishra Limited on 1 May 20–8.
 - b The called up capital of Mishra Limited on 1 May 20–8.
 - c The paid up capital of Mishra Limited on 1 May 20–8.
-
- a The issued capital is \$300 000 consisting of 300 000 shares of \$1 each.
 - b The called up capital is \$150 000 consisting of \$0.50 called up on 300 000 shares.
 - c The paid up capital is \$145 000 consisting of \$0.50 paid up on 290 000 shares.

21.4 Types of shares

The share capital of a limited company may be divided into different types of shares. The most common ones are preference shares and ordinary shares.

Preference shares

As the name implies, these get preference over the ordinary shares. They receive a fixed rate of dividend (based on the face value of the shares) which is payable before any dividend is payable to the ordinary shareholders.

There are several types of preference shares, and most of these are outside the scope of this book. However, it is necessary to understand the difference between redeemable and non-**redeemable preference shares** as this affects the treatment of dividend and how the shares appear in the statement of financial position.

Ordinary shares

These are also known as **equity** shares. The dividend on ordinary shares is only payable after that on the preference shares has been accounted for. The dividend is not a fixed amount, but can vary according to the profits of the company.

21.5 Debentures (Loan notes)

In addition to the funds provided by the owners (shareholders), a company may also obtain funds from **debentures**, which are long-term loans. Like most loans, debentures carry a fixed rate of interest, which is payable whether or not the company makes a profit

21.6 Income statement of a limited company

An annual income statement is prepared for a limited company in exactly the same way as it is prepared for a sole trader or a partnership business. The only difference is that in the finance costs there may be debenture interest and dividend on redeemable preference shares.

21.7 Statement of changes in equity

In a similar way, a limited company must prepare a statement showing how the profit for the year is used. This statement is known as a **statement of changes in equity**.

Any profit that is not appropriated for dividends is carried forward to the following year. This is known as **retained earnings** and will appear in the equity and reserves section of the statement of financial position.

In addition to leaving a balance of retained earnings, many companies will transfer an amount from the profit for the year to a general reserve. This is another means of **ploughing back profits** into the company to help it grow.

Walkthrough 21.3

Anand Limited was formed on 1 July 20–3. By 30 June 20–6 a total of 200 000 5% redeemable preference shares of \$1 each and 600 000 ordinary shares of \$0.50 each had been issued and were fully paid.

The following information is provided:

- 1 The profit for the year ended 30 June 20–6 **before** the preference share dividend was \$58 000.
- 2 On 1 July 20–5 the retained earnings brought forward amounted to \$41 000 and the general reserve amounted to \$45 000.
- 3 Half of the preference share dividend was paid on 31 December 20–5. On 30 June 20–6 the remaining preference share dividend was outstanding.
- 4 The proposed final ordinary share dividend of \$30 000 for the year ended 30 June 20–5 was paid on 30 September 20–5.
- 5 An interim dividend of \$24 000 was paid on 31 March 20–6.
- 6 On 30 June 20–6 the directors recommended a transfer of \$8 000 to the general reserve and the payment of an ordinary share dividend of 8%.

Prepare a statement of changes in equity of Anand Limited for the year ended 30 June 20–6.

Anand Limited				
Statement of changes in equity for the year ended 30 June 20–6				
	Ordinary share capital \$	General reserve \$	Retained earnings \$	Total \$
Balance at 1 July 20–5	300 000	45 000	41 000	386 000
Profit for the year			48 000	48 000
Dividend paid (final)			(30 000)	(30 000)
Dividend paid (interim)			(24 000)	(24 000)
Transfer to general reserve		8 000	(8 000)	
Balance at 30 June 20–6	300 000	53 000	27 000	380 000

- After entering the opening balances, each item is entered in the appropriate column and also in the total column.
- The profit for the year of \$58 000 was reduced by the preference share dividend for the year of \$10 000.
- The final dividend paid relates to the previous year but is entered in the statement as the dividend was paid during the current year.
- The interim dividend is entered on the statement as it was paid in the year.
- The dividend proposed at the end of the current year does not appear as it has not yet been paid.
- A figure in brackets indicates that it is reducing the amount in that column.
- The totals should be added vertically and then cross-checked horizontally.

21.8 Statement of financial position of a limited company

In the statement of financial position of a limited company the assets section and the current liabilities section are presented in exactly the same way as for a sole trader or a partnership.

Walkthrough 21.4

Using the information and the statement of changes in equity provided in Walkthrough 21.3, prepare an appropriate extract from the statement of financial position of Anand Limited at 30 June showing the capital and reserves.

Anand Limited	
Extract from statement of financial position at 30 June 20–6	
	\$
Equity and liabilities	
Equity	
Ordinary share capital	300 000
General reserve	53 000
Retained earnings	<u>27 000</u>
	<u>380 000</u>

- The amounts for share capital, general reserve and retained earnings are obtained from the statement of changes in equity (see Walkthrough 21.3).
- The preference shares are redeemable so would appear in the non-current liabilities section.

Chapter 22-Analysis and interpretation

22.1 Introduction

Analysis consists of a detailed examination of the information in a set of financial statements of a business.

Interpretation can include comparing to the results of other similar businesses and also comparing within the business (with the results for previous years and with targets and budgets).

Working capital is the difference between the current assets and the current liabilities and is the amount available for the day-to-day running of the business (it is also known as **net current assets**). **Capital owned** is the amount owed by a business to the owner(s) of the business on a certain date. **Capital employed** is the total funds which are being used by a business.

Walkthrough 22.1

Arun is a trader who has been in business for several years. His financial year ends on 31 December.

The following financial statements will be used in Walkthrough 22.2 to Walkthrough 22.10.

Arun		
Income statement for the year ended 31 December 20–7		
	\$	\$
Revenue – Cash sales	10 000	
Credit sales	<u>110 000</u>	120 000
Less Cost of sales		
Opening inventory	7 500	
Purchases (all on credit)	<u>97 000</u>	
	104 500	
Less Closing inventory	<u>8 500</u>	96 000
Gross profit		24 000
Less Administration and selling expenses		<u>8 000</u>
Profit from operations		16 000
Less Loan interest		<u>1 000</u>
Profit for the year		<u>15 000</u>

Arun	
Statement of financial position at 31 December 20-7	
	\$
Non-current assets (at book value)	124 250
Current assets	
Inventory	8 500
Trade receivables	10 500
Bank	12 250
	31 250
Total assets	155 500
Capital and liabilities	
Capital	
Opening balance	130 000
Plus Profit for the year	15 000
	145 000
Less Drawings	22 000
	123 000
Non-current liabilities	
Loan – AB Finance Ltd	20 000
Current liabilities	
Trade payables	12 500
Total liabilities	155 500

22.2 Profitability ratios

Profitability ratios are used to relate the profit figures to other figures within the same set of financial statements.

Return on Capital Employed (ROCE)

This is calculated using the following formula:

$$\frac{\text{Profit for the year before interest}}{\text{Capital employed}} \times \frac{100}{1}$$

Walkthrough 22.2

Using the financial statements shown in **Walkthrough 22.1** calculate Arun's return on capital employed.

Assume that capital employed equals the total of capital owned and non-current liabilities on 31 December 20-7.

$$\frac{\$16\,000}{\$143\,000} \times \frac{100}{1} = 11.19\%$$

This is a very important ratio as it shows the profit earned for every \$100 used in the business in order to earn that profit. The total funds used in the business are the capital of the owner(s) plus the non-current liabilities. The higher the return, the more efficiently the capital is being employed within the business.

Gross margin

This is calculated using the following formula:

$$\frac{\text{Gross profit}}{\text{Revenue}} \times \frac{100}{1}$$

Walkthrough 22.3

Using the financial statements shown in **Walkthrough 22.1** calculate Arun's gross margin.

$$\frac{\$24\,000}{\$120\,000} \times \frac{100}{1} = 20\%$$

This is also called gross profit as a percentage of turnover (turnover equals net sales less sales returns). This ratio shows the gross profit earned for every \$100 of sales. Different types of industries and trades tend to have different gross profit percentages. The same business may have a similar gross margin from year-to-year. The higher the return, the more profitable is the business. However, by reducing selling prices slightly (and so reducing the gross margin), a business may achieve a higher monetary gross profit.

Profit margin

This is calculated using the following formula:

$$\frac{\text{Profit for the year}}{\text{Revenue}} \times \frac{100}{1}$$

Walkthrough 22.4

Using the financial statements shown in Walkthrough 22.1 calculate Arun's profit margin.

$$\frac{\$15\,000}{\$120\,000} \times \frac{100}{1} = 12.50\%$$

This ratio shows the profit earned for every \$100 of revenue. The higher the return, the more profitable is the business. This ratio acts as an indicator of how well a business is able to control its expenses. If the profit margin of a business increases, it indicates that the operating expenses are being controlled. This ratio will be influenced by the different types of expense: some expenses increase in proportion to the sales (e.g. commission paid on sales made) but other expenses remain the same whatever the sales are (e.g. insurance of buildings). Any change in the gross margin will also affect the profit margin.

22.3 Liquidity ratios

In business, the term 'liquidity' relates to money and **liquidity ratios** measure the ease and speed with which assets can be turned into cash.

Current ratio

This is calculated using the following formula:

$$\text{Current assets} : \text{Current liabilities}$$

Walkthrough 22.5

Using the financial statements shown in Walkthrough 22.1 calculate Arun's **current ratio**.

$$\$31\,250 : \$12\,500 = 2.50 : 1$$

This is also referred to as the **working capital ratio**. It compares the assets which are in the form of cash, or which can be turned into cash relatively easily within the next 12 months, with the liabilities which are due for repayment within that period of time.

Liquid (acid test) ratio

This is calculated using the following formula:

$$\text{Current assets} - \text{Inventory} : \text{Current liabilities}$$

Walkthrough 22.6

Using the financial statements shown in Walkthrough 22.1 calculate Arun's liquid (acid test) ratio.

$$(\$31\,250 - \$8\,500) : \$12\,500 = 1.82 : 1$$

The liquid (acid test) ratio compares the assets which are in the form of money, or which will convert into money quickly, with the liabilities which are due for repayment in the near future. This is a similar calculation to the current ratio, but the liquid (acid test) ratio excludes inventory as this is not regarded as a liquid asset.

Rate of inventory turnover

This is calculated using the following formula:

$$\frac{\text{Cost of sales}}{\text{Average inventory}}$$

This gives the number of times inventory is sold and replaced in the period.

An alternative calculation uses the following formula:

$$\frac{\text{Average inventory}}{\text{Cost of sales}} \times \frac{365}{1}$$

This gives the number of days on average the inventory is held before being sold.

Walkthrough 22.7

Using the financial statements shown in **Walkthrough 22.1**, calculate Arun's rate of inventory turnover to show the following:

- a the number of times in the year inventory is replaced
- b the number of days inventory is held before being sold.

a $\frac{\$96\,000}{(\$7\,500 + \$8\,500) \div 2} = 12 \text{ times}$

b $\frac{\$8\,000}{\$96\,000} \times \frac{365}{1} = 30.42 \text{ days} = 31 \text{ days}$

The rate of inventory turnover is sometimes referred to as **inventory turnover**. This ratio calculates the number of times a business sells and replaces its inventory in a given period of time.

Trade receivables turnover

This is calculated using the following formula:

$$\frac{\text{Trade receivables}}{\text{Credit sales}} \times \frac{365}{1} \text{ to give an answer in days}$$

Using alternative formulae, an answer can be obtained in weeks or months:

$$\frac{\text{Trade receivables}}{\text{Credit sales}} \times \frac{52}{1} \text{ to give an answer in weeks}$$

$$\frac{\text{Trade receivables}}{\text{Credit sales}} \times \frac{12}{1} \text{ to give an answer in months}$$

Walkthrough 22.8

Using the financial statements shown in **Walkthrough 22.1**, calculate (to the nearest whole day) Arun's trade receivables turnover.

$$\frac{\$10\,500}{\$110\,000} \times \frac{365}{1} = 34.84 \text{ days} = 35 \text{ days}$$

This may also be referred to as the **trade receivables/sales ratio**. It measures the average time the credit customers take to pay their accounts. The answer to this calculation – the length of time credit customers actually take to pay their accounts – should be compared with the term of credit allowed to them

Trade payables turnover

This is calculated using the following formula:

$$\frac{\text{Trade payables}}{\text{Credit purchases}} \times \frac{365}{1} \text{ to give an answer in days}$$

Using alternative formulae, an answer can be obtained in weeks or months:

$$\frac{\text{Trade payables}}{\text{Credit purchases}} \times \frac{52}{1} \text{ to give an answer in weeks}$$

$$\frac{\text{Trade payables}}{\text{Credit purchases}} \times \frac{12}{1} \text{ to give an answer in months}$$

Walkthrough 22.9

Using the financial statements shown in Walkthrough 22.1, calculate (to the nearest whole day) Arun's trade payables turnover.

$$\frac{\$12\,500}{\$97\,000} \times \frac{365}{1} = 47.04 \text{ days} = 48 \text{ days}$$

This may also be referred to as the **trade payables/purchases ratio**. It measures the average time taken to pay the accounts of credit suppliers. The answer to this calculation should be compared with the term of credit allowed by the suppliers.

22.4 Inter-firm comparison

Comparing the ratios calculated for the current financial year with those of previous years can measure the progress and performance of a business and indicate the trends in profitability, liquidity and so on.

22.5 Problems of inter-firm comparison

A business can often obtain valuable information by comparing their accounting ratios with those of another business, but the business must be aware of the limitations of such a comparison.

The problems of comparison include the following:

- The businesses may apply different accounting policies,
- The businesses may apply different operating policies such as renting premises or purchasing premises, obtaining long-term finance from capital only or using capital and long-term loans.
- Non-monetary items such as the skill of the workforce, the goodwill of the business and so on do not appear in the accounting records, but are very important in the success of the business.
- It is not always possible to obtain all the information about another business which is needed to make a true comparison.
- The information relating to other businesses may be for one financial year only, so it is not possible to calculate business trends. That particular year may also not be a 'typical' year.
- The financial years may end on different dates which can make comparison difficult.
- The accounts are based on historic cost and do not show the effects of inflation.

22.6 Users of accounting statements

It is not only the owner who is interested in analysing and interpreting the financial statements of an organization.

Internal users

1 Owner(s)

The owners of a business such as a sole trader or partners will be interested in all aspects of the business, both profitability and liquidity, in order to assess the business's performance and progress. Any potential partners are interested in the profitability of the business.

2 Manager(s)

In many small businesses, the owners manage the business. In some cases, management may be carried out by an employee. Like the owners, managers are interested in all aspects of the business

External users

1 Bank manager

If a business requests a bank loan or an overdraft facility the bank manager will require the financial statements of the business.

2 Other lenders

Anyone who has made a loan to a business (and any potential lenders) will be interested in the security available, the repayment of the loan when due and the payment of interest when due.

3 Trade payables

Anyone who has supplied a business with goods on credit terms (and any potential credit supplier) is interested in the liquidity position and the trade payables turnover. These factors may be considered when determining the credit limit and the length of credit allowed.

4 Potential buyers of the business

Anyone with an interest in purchasing the business or making a takeover bid will be interested in the profitability of the business and the market value of the assets of the business

5 Customers

Customers of the business are interested in ensuring the continuity of supplies.

6 Employees and trade unions

Employees and trade unions want to know that the company is able to continue operating, and so maintain jobs and continue to pay adequate wages (and, in some cases, contribute to pension schemes).

7 Government departments

Government department may want information for purposes such as compiling business statistics and checking that the correct amount of tax is being paid.

8 Club members

The members of a club or society want to know that the club is being well-managed financially so that it will be able to continue in existence and provide the facilities to members.

22.7 Limitations of accounting statements

Accounting statements and the ratios calculated from them provide valuable information about a business. They do, however, have limitations and are not able to provide a complete picture of the performance and position of a business. Their limitations include the following.

Time factor

The accounting statements are a record of what has happened in the past, not a guide to the future. Additionally, there is a gap between the end of the financial year and the preparation of the accounting statements. In that time significant events such as changes in inventory levels and purchasing of non-current assets may have taken place.

Historic cost

The only way to record financial transactions is to use the actual cost price. However, comparing transactions taking place at different times can be difficult because of the effect of inflation.

Accounting policies

All businesses should apply the accounting principles of prudence and consistency which should help in making comparisons. However, there are several acceptable accounting policies which may be applied,

Different definitions

Where a business has borrowed money, for example in the form of loans or debentures, the income statement may show the profit from operations and then deduct the finance costs to give the profit for the year. Another business may not show this distinction.

Money measurement

Accounts only record information which can be expressed in monetary terms. This means that there are many important factors which influence the performance of a business which will not appear in the accounting statements.

Revision questions

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