



Business AS/A Level
Managing business activities

REVISION NOTES



Raising Finance Introduction

Start-up finance - Working capital - Finance issues for start-ups - Raising Finance - Financial management

Sources of finance

Need for finance - Internal finance - External sources of finance - External methods of finance

Liability & finance

Unlimited liability - Finances for unlimited liability businesses - Limited liability - Finances for limited liability businesses

Planning & cashflow

Business plan & finance improvements - Cash flow forecast - Changes in cashflow forecast - Analysis of cashflow forecasts - Use & limitations

Financial Liability Sales forecasting

Purposes of sales forecasting - factors affecting sales forecasting - Difficulties of sales forecasting

Sales, revenue & costs

Sales - Business revenues - Costs of production- Fixed & variable costs - Logic chain

Break-even

Calculating break-even point - Contribution - Break-even charts - Changes in price, output & costs - Using break-even charts - Limitations of break-even

Budgets

Purpose of budgets - How to construct a budget - Types of budget - variance analysis - Analysing budgets & variances - Difficulties of budgeting

Managing Finance Profit

Calculating profit - Profit & loss - Measuring profitability & profit margins - Ways to improve profits & profitability - Difference between cash & profit

Liquidity

Financial position - Measuring liquidity - Liquidity ratios - Improving liquidity - Importance of cash - Managing working capital

Business failure

Business failure - International & external causes of failure - Non financial causes of business failure minimisation

Resource Management Introduction

Production methods - Productivity - Factors influencing productivity - Difficulties Being competitive - Efficiency - Minimum cost - Capital & Labour intensive

Production, productivity & efficiency

Methods of production - Productivity - Importance of productivity - Factors affecting productivity - Difficulties increasing productivity - Capital & labour

Capital utilisation

Changing capacity - Measuring capacity - Under & over capacity utilisation - Improving capacity utilisation

Stock Control

Types of stock - Stock control - Poor stock control - Just-in-time - Waste minimisation - Advantage of lean production

Quality management

Importance of quality - Improving quality - Quality initiatives - Continuous improvements - Advantages of quality management

External Influences

Economic influences

The economy - Economic climate - Business cycle - Inflation - Interest rates - Exchange rates - Taxation & govt. spending - Economic uncertainty

Legislation

Legislation - Consumer protection - Employee protection - Environmental protection - Competition policy - Health & Safety

The competitive environment

Competitive market - Competition within a market - Competition & market size - Changing competitive market



A. Raising Finance 23. Planning

Business plan & finance

Executive summary

- . who you are
- . why you will be successful

Product / service

. why customers will want your product/service

Market

- . identify the market
- . market competitors

Marketing plan

- . target custome
- . how to target the

onal plan

. how the product

.

- shflow prediction
- ify financial needs

Interpreting a cash flow forecast

Cashflow

. cash in & cash out

Cash inflow

- . cash in from customers
- . cash from other sources

Cash (

- . monthly p
- nal payn.

onthly balance

- positive or negative cashflow per month
 - . opening & closing balance
 - . negative = overdraft

Changes in cash flow forecasts

Changes in cashflow

- . delayed payr different reasons. delayed delivery; faulty products etc.
- . unexpecte ment urchase replacement; repairs to equipment etc.
- . change it seems from 60 to 90 days

Analysis of cash flow forecas

sing 8

mo, ands in shflow the or rative

Monthly closing balance

- . predict trends
- . seasonal variations

Cashflow timings

- . timing & frequency of cash in & out
- . difference in credit terms

Uses & limitations of a cash flow forecast

dative cash flow can be improved:

- . limit stock being held ideally 'just-in-time'
- . early payments from customers less credit

Keeping cash

- . reducing expenditure
- . lease & rent

Limitations

- . forecasts over optimistic
- . start-up credit terms
- . cash reserve for emergencies



A. Raising Finance

23. Introduction to finance: planning

Finance for start-ups

Assumptions for start-ups

- . over enthusiastic about finances
- . not enough working capital (50% start-up 50% working capital)
- . not enough time to get business (assume business b

Working capital

Need to know

- . initial start-up costs
- . sales needed to cover costs
- . daily outgoings

Last we ng capital balance

Money for suppliers, wages & bills

New working capital balance

Financial issues for start-ups

Start-up costs

. total cost from idea to opening the sinc. premises, from s stock etc.

Runn

rent; utilities; wages, uses or loans etc

. variable costs: stock;

Revenue

. difficult to forecast how many customers & how much they will spend & when they will come

Raising Finance

ort te (new business)

"OF

credit ppliers

Medium term (2-5 years)

- . bank loans (rates high for small businesses)
- . leasing for equipment & vehicles

Long term

- . reinvested profits
- . venture capital loans
- . share sale

Financial management

udget control

- . revenue v costs
- . extra sales not always equal extra profit

Expansion

- . rise is sales is good but costs increase (more or bigger premises, extra staff etc)
- . expansion too quickly is the downfall of many businesses



A. Raising Finance

24-25. Sources of finance: internal & external

Need for finance

Start-up

- . raw materials
- . premises + utilities
- . wages
- . ongoing costs

Capital expenditure

- . items needed for the business: premises; equipment; vehicles etg
- . used in the long term

nue expenditure

sed quickly: v materials; wag ılqgu trol etc

Internal finance

Owner's finance

. own savings for the business

Retained profit

. profit put back into the business

Sale of asse

- . sell-off s parts of the bus
- ell ar . sale back asset the

ment of capital

- payments
- . trade credits

External sources of finance

Family & friends

- . usual for small start-up
- . little or no intere payment

Business

Angel

- . lend for he business
 - s or indi

anks

- ely loan to art-ups
- eral needed for loal
- s available

Crowdfunding

- similar to peer-to-peer
- large number of people (crowd) who provide money for something in return

Peer-to-peer

- . online companies offer loans from individuals for businesses
- . better interest rates than banks

Other businesses

- . business may set up a subsidiary
- . joint-venture
- . buy shares of another

Extern/ metho/ fin

- aterest
- unsecure lender takes
- . secured (against assets
- e.g. property)

nk overdrafts

- . most businesses have an overdraft option
- . short term debt, high interest rate paid by business

Share capital (ltd. com.)

- . sell shares in the co.
- . ordinary shares dividend may be paid
- . preference shares fixed rate paid

Leasing

- . rent equipment rather than buying
- . reduces capital outlay
- . expensive in the long term

Venture capital

- . take a share of the co.
- . not always long term

Trade credit

. credit for goods but often at higher price

Grants

- . some grants available but difficult to qualify
- . not usually repaid



A. Raising Finance

A3. Financial liability

Unlimited liability

Unlimited liability

- unincorporated
- . legally owner & business the same
- . often sole traders & partnerships

Implications

- . owner liable for any ny debt
- . owner liab y company

Finances for unlimited liability businesses

Owner's capital

. owner's savings

Mortgage

. remortgage house to finance business

Banks

- Jans . unsecu for star
- . overdrafts

R **arofit**

ing can nce t profits

Peer-to-peer

online finance

Crowdfunding

. increasingly popular method of raising finance

Limited liability

Limited liability

- incorporate
- . business y separate
- . busines deb

nplications

- . owners not liable only their share in the co.
- . owners not liable for unlawful acts by company - unless owners actions are a crime

Finances for limited liability businer

ald by the

own

an raise amounts finance

Retained profit

- . reinvest profits in co.
- . for large companies they can have £ millions in cash reserves

Venture capital

. most of their capital goes to limited companies

entures

- Cs can raise money from debentures - often long term loans (30 years)
- . no control over the company

Trade credit, overdrafts

- . limited liability companies can get very good credit terms
- . get large overdrafts

Business angels

- . invest at an earlier stage than venture capitalists
- . both unlimited & limited



B. Financial planning

29. Sales forecasting

Sales forecasting

Purpose

- . forecasting sales very important: how much stock to buy; number of staff; size of premises; expected profits etc
- . give good cashflow forecast

Time series analysis

- . data based on pre years - use past to forecast the fu<u>ture</u>
- . analysing d several things:

. The d

Cycle tuations
andom fluctuations

Factors affecting sales forecasts

Consumer trends

- . consumer habits & behaviour change over time.g. advances in technology demographics
- . success = predictipe trends
- . being ready for

conal va

. oducts/s ices are s

ompetiti

tions of others t businesses

Economy

- . taxation
- . exchange rates
- . inflations
- . booms/bust cycles

Difficulties

Difficulties of sales forecasting . extension: us and and sto predict the future

useful short term

eful for medium - long term

ratere not always follow the past

too many variables for accurate forecasting

2. Managing Business Activities



Sales

Revenue

B. Finance Planning

30. Sales, revenue & costs

Sales

Sales volumes: number of units sold

Sales revenue: units sold x price

Revenue: sold on credit; sold at discount etc



Revenue

Units sold

Aim: higher price (less sales) her revenue of profits

lower price (more sales), sevenues agher profits

Higher price in markets v

Lower price where markets a gre compared

Online pricing more flexible &

Costs of reaction

. costs whether it is profitable

Production costs

Fix

.=10\

ame g

example ent; salaries; tax etc Fixed common change over time Interest rates can change

costs

. xed & variable = total costs

. Variable costs

- . variable costs that depend on output examples: raw materials; utilities etc
- . Costs rise as output rises but can have discounts from suppliers with bulk buying





B. Financial Planning

31. Break-even

Calculating break-even point

Contribution

Calculation

Need to know:

. how many products to sell to cover their costs: break-even

Calculation

. selling price . fixed costs . v costs

fixed co Break even = (sellin er unit)

Contribution is:

- . price variable = contribution
- . total contribution = contribution per qua
- . profit = total contribution fixed @

Break-even charts

A break-even chart

- . revenue & costs at different levels of demand
- . shows level of pr loss - margin of

boost to ribution

by increasing price

ting variable costs

sell more units

boost contribution per unit

Break-ex

Changes in price, output and cost

inges

changes break-even

Price increase revenue & profit potential

fall in demand: no effect on break-even point

in variable costs: effect break-even point

. Fall in fixed costs: fall in total costs

Use en for:

Usi brea en

at needed in the future to be able to make profit assess any changes impacting break-even (prices/costs etc)

Limitations of break-even

- . Simplification
- . assumes things are a constant
- . Price variation
- . prices not the same - discounts etc
- . All output sold
- . not everything produced is sold
- . Static model
- . not follow trends



B. Financial Planning 33. Budgets

Purpose of **budgets**

Budgets are used for:

- . Spending: keep in limits
- . Measures: success or failure
- . Spending power: delegated
- . Motivation: performance

Budget holders:

- 1. Directors master budg
- 2. Regional
- 3. Branch mana
- 4. Section manage
- 5. Worke

How to construct a budget

What is a budget?

- . setting targets
- . spending to achieve targets
- . turn theory into reality

Proce

- . Sa es for
- Costs: cost nk with profits
- rtment/worker accountable
- delega. make responsible

Types of

Types: difficult as gosts can rise pectedly

- . Historic: use p e - add inflation rate budget rise
- . Zero based t with zero, un y the budget - link to business objectives
- . Simple: % ease ross all

budget

nce?

Variance analysis

tual co dget<u>بيط</u> orofit wer profits adv

budget unrealistic? **Analysing** yes, budget no, why excess budgets & rethink spending? variances make one person budgets responsible? negotiated not set? fewer adverse variances

Difficulties budgeting

gets

- . common but not always appropriate
- . budgets take time & money - are they worth it?

Variables:

- . weather
- . unexpected cost increases

Benefits:

- . process can be of benefit
- . be motivational
- . keep costs down

2. Managing Business Activities



C. Managing finance 34. Profits

Calculating profit

Gross Profit:

Revenue - cost of sales = gross profit

Operating Profit:

Gross profit - fixed overheads = operating profit

Net Profit:

Operating profit - finance = net profit

Revent ps. ed overhead pance = net profit

Profit and loss account

Public Limited Companies:

.have to show a statement of comprehensive income - profit and loss

St. Lent s ss:

profit & net profit

. ne. divir s

Measuring profitability

Profitability as a

gross profit

sales

Ope a profit margin

sales revenue × 100 = %

Net profit margin

profit × 100 = %

Measuring profit asuri a

Ways to improve profits

Increase profits

- . increase revenue
- . decrease costs
- . combination of both

Ways to improve profitability

rove:

- . Increase the price
- . cut costs

Difference between cash and profit

- \cdot Revenue = value of sales
- . Cash = money taken

2. Managing Business Activities



C. Managing finance

35. Liquidity

Statement of financial position

Limited companies:

- . statement balance sheet
- . assets & liabilities

(money it has and money owed)



Measuring liquidity

Liquidity:

. can a company pay its bills over the next year?

Liab s:

. St.

Assets:

tock (inventories)

. cash

.(plus future sales)

Calculating liquidity ratios

How much money is enough

ratio

currer

abilities

ratios: 1 goog

Acid test not including stock

current assets - inventories

ratio

current liabilities

ratios: 1:1 is good

Improving liquidity

Imr

10% contingency funds

unde ed fixed assets

m (al

ang term borrowing educe outlay

Cash

Importance of cash

- . cash to pay bills
- . cash to take opportunities
- . less development

Managing working capital sell to customers on credit

produce customers pay debts

Uncertainty: buy materials

Manage working capital:

- . minimise stock levels . plan ahead
- . keep credit as low as possible
- . get good credit terms . sell goods asap
- . spend less on fixed assets



C. Managing finance

36. Business failure

Business failure

Forbes - reasons for failure

- . not in touch with customers . not communicate by coss idea
- . too little differentiation . poor leade.
- . lack of profitability due to lack of revenue streams

Internal causes of business failure

Internal reasons

- . marketing failure: new products/servi
- . financial failure: over expans
- . systems failure: IT system not a gob the reed to

External causes of business failure

External reasons

- . technological advantage (Nokia v Apple)
- . new comp :: has unique selling point (Amazon cheaper online)
- . economy ange and recession (2009 car industry)
- finance and and Si

Financial causes of business failure

lancia asons - running out of cash:

- than cash inflows
- crisis: dependent on one large customer (may change credit terms)
- overthan apid sales rise can drain cash (very common)

Non-financial causes of business failure

n-financial reasons:

- . slow loss of business to competitors (HMV v online)
- . poor customer service over a long period of time (online reviews)
- . repeated business failures (IT systems)



D1. Introduction to resource management

Resource management

What is resource management?

- . not in touch with customers . not communicate business ic
- . too little differentiation . poor leadersh
- . lack of profitability due to lack of revenue stream

Step 1: design

Design

- . marketing failure: new products/servi
- . financial failure: over expansion, members working capital
- . systems failure: IT systems not do. ey ne

Step 2: supply chain

Establishing a supply ch

- . technological advances petitors advantage (Nokia v Apple)
- . new competitor: has unique ling point mazon cheaper online)
- . economic chan world rea n (2009 car industry)
- . finance: banks

Step 3: suppliers

Working supplements

- . cash out than inflows
- . cashflow crisis on one large customer (may change credit terms)
- r: rapid s se can drain cash (very common)

Ma. quality

Step qu^z

- slow los ousiness to competitors (HMV v online)
- poor customer service over a long period of time (online reviews)
- . repeated business failures (IT systems)

Step 5: efficiency

Achieving high levels of efficiency

- . slow loss of business to competitors (HMV v online)
- . poor customer service over a long period of time (online reviews)
- . repeated business failures (IT systems)



37. Production, productivity & efficiency

Methods of production

Methods of production

- . **Job production:** one-off item for a one-off customer (tailed
- . Batch production: set number, different parts done by different popular
- . Flow production: continuous production of single it to toma
- . Cell production: small production line produced to

Productivity

What is productivity?

. Labour: amount produced over a time period eg. number of items made or customers served

W important?

- utput ps. hows oductivity costs unit
- . mo oductivity = lower costs = lower price same ice higher profit margin

Factors influencing productivity

Investment in technology

. machines (automation) increases productivity

eople

re skille yees

Employee motivation

- . motivation increases productivity
- . job enrichment

Difficulties in increasing production

Role of pageme

. UK look production range

roductivity & being competitive

Link between productivity & being competitive

- . lower productivity = less competitive
- . some products less price sensitive

Product

eff ·cy

En. & productivity thing

high productivity can produce waste or poor quality

Productivity at minimum cost

Factors influencing efficiency

- . level of waste
- . use of right technology
- . balance between all factors

Capital & labour intensity

Labour & capital

. 'hand-made' low productivity but high price

Labour intensive

- . labour costs high
- . cheap to start (low tech)
- . low cost labour (Asia)

Capital intensive

- . high machine costs
- . expensive to start
- . can locate anywhere



38. Capacity utilisation

Capacity

Importance

- . need to maximise production but demand van be variable
- . need flexibility

Why & how to change co

- . changing capacity can be extine
- . need to try to pre

Measuring capacity utilisation

Measure

capacity utilisation is:

 $\frac{\text{current output}}{\text{maximum possible output}} \times 100$

- . maxim utput = buildings, machinery + labour
- . sery using as easy to define
- temp dur during busy times

Under capacity

Implications

- . fixed costs the same whatever capacity
- . fixed costs & higher acity = c er unit reduced

Over capacity

Implica mum city

- . demands ris
- service staff training creaming term published
- . in service industry can mean over crowded stores/queues
- . ideal is 80/90% capacity

Impr g ca_k utilisatı

> Logic <u>cha</u>in

Vays of oving capacity utilisation

Increase demand: promotions, price cutting etc.

develop new products

. Cut capacity: cut number of employees (can increase if demand returns)

smaller premises (can't increase if demand returns)

cut capacity low capacity utilisation boost demand redundancy & closure costs utilisation rises advertising & NPD costs



39. Stock control

Types of stock

Raw materials

. stock from suppliers

Work in progress

. supplies being manufactured but unfinished

Finis goods

. productished but not sold tof a batch, asonal of etc.

Stock control charts

Stock levels

. stock levels vary over time

time

- . delivery = high
- . sales = low

Maximum st

. maximum mount

eord

'tric level en stock needs ing. A time for delivery.

Min. 4k level

'buffer's ck' minimum level before a ler is needed

Implications of poor stock control

Implications: too resh or too live an be expensive

- . Opportunity cost tock . Cash flow: stock rather than cash
- . Storage co pace, insurance . Finance: borrowing costs for stock
- . Waste startisk group out of date



time: minimum stock = more efficient

Phase order

Phase 2: suppliers deliver less more often

hase 3: stock levels at low levels Phase 4: orders more often, less stock Phase 5: little or no stock, frequent deliveries

Just-ir e

Waste minimisation

Just-in-time:

. JIT reduces waste but dependent on on-time supplies & quality supplies Competitive advantage of lean production

Lean production (Toyota)

- . maximise staff input
- . quality of supplies & production
- . minimal stock, max competitiveness

2. Managing Business Activities



D. Resource management

40. Quality management

Importance of quality

Importance

- . 'Quality is defined by the customer'
- . link between price & quality but always fit for pul
- . quality make difference in terms of competition

Methods of improving quality

Quality control

. QC inspectors check products - often one in every few

Quality agent nce

. quality stage of proc raw mat to end

Total quality management

Ty worker involved in ality checks from design sales

Other quality initiatives

Quality circles

. workers meet reproblems in the process product

Zero defects

- . aim to produce faultless products
- . aim for some, matter of life or death for others (safety products)

Continuous improvement

improver at (Kaizen - Japanese term)

Quality workers' ideas & observations

es = big improvements - culture of continuous improvement

. Impact through teamwork or 'cell' - worker involvement

Competition advantage from quality management

Over-engineered

Selief that too much ality was expensive

Right first time (Cosby)

. Getting it 'right first time' saves money

Quality matters

- . premier pricing for a quality product
- . brand loyalty when product seen as being quality
- . repeat purchase
- . retailers support quality products



E. External influences

41. Economic influences

What is the 'economy'

Economy

- . buying and selling of goods & services
- . all do well & all can suffer

Current economic climate

Econocclimate

- busine ves on confidencesuffers ves ow in
 - ence

Business cycle

Business cycle

- . periods of boom & bust average over 2 ears is 2.5 pa
- . during recession businesses have cast probable & can fail causing unemployment, fall in incomes with known in the promy

Inflation

Inflation: annual rise in the tage photogram measure monthly in %

- . Consumer Price Index meas. In Indian (b. on 700 items) base in 100
- . **Effects:** benefit if have loan; be ave a fixed price contract; less competitive with countries with

Interest rates

Interest reached the charged per year for lending money or providing credit

- . central back the date the defendance bank rates (aim to keep inflation at 2% pa)
- . conserve demande nen interest rates lower & vice versa
- ts rise & stment low with higher interest rates & vice versa

Exchan rat

Exch tes: measures the value of currencies in relation to each other opprecial value of £ increases

Depreciation - value falls

hpact: companies with large exports want a low £ pound exchange rate companies importing raw materials/goods want a strong £ pound

Taxation & govt. spending

Taxation: to reduce inflation govt might increase taxes (less spending), but some businesses might suffer

Govt spending: to reduce inflation cut govt. spending (about 40% of economy)

Economic uncertainty for businesses

Economic forecasting:

very difficult to do

- . exchange rates
- . economic growth
- . price of oil



E. External influences

42. Legislation

Legislation

Legislation

- . British & European laws effect businesses
- . Conservative govts: laissez-faire approach to busines
- . Labour govts: are more pro-customer

Consumer protection

Consumer protection

- . laws to protect the customer
- . set standards for all businesses

Sales of Goods Act

. 'goods' purpose for which ey are said

escriptions Act

. eveg claim a company says about a product must be true

Employee protection

Employee protection

. employees want laws to protect them, businesses want less laws & more freedom nimum ease labour costs / motivated workers

to employ. ract: lack of flexibility / job security

ternity & pate typay: increases costs / valued employees

Redu v: expensive for business / gives employees something

ghts: deal with trade unions / deal with one

Environmental protection

Environme prote

- . increasing laws about protects conm
- . im vironme

Landfill Tax

business has to pay to use landfill sites for its rubbish

Enviro. Protection Act

- . do own risk assessments for damage to eviron.
- . time consuming & expensive but good

Compet po'

C yion policy

laws to rage ompetition good for business & customers

Competition & Markets Authority

- . investigate: takeovers & mergers; possible anticompetition practices & cartels
- . prosecute companies & individuals who break the law

Health & safety

Health & Safety

. laws to ensure employees are safe at work e.g. clothes, fire equipment, hygiene, noise levels, rest breaks etc.

Health & Safety Act

- . each business has to have a H & S policy
- . information, training to all employees
- . prosecute businesses who not comply with H & S
- . benefit with safe place to work



E. External influences

43. The competitive environment

Competitive market

Competition

. different companies selling same goods & services

Advantages

- . encourages businesses to be efficient, innovati (USP)
- . good for custom

Disa tages

erices fits lower

Competition within a market

Monopoly

- . dominate market (25% +)
- . govt. regulate to stop monopolies - bad for customers

Oligop

- . often similar oms av arice war
- con a marke.
 c. (sup. ts)

mpetition

- lots of businesses selling the same thing
 - . lower margins so try to be different

Competition and market size

Large markets

- . lots of busing the same th
- . lower m

ts

- . few businesses in the market
- Sicult to start in siness in this market

Changes in markets

- . businesses come & go
- . new markets attract lots of new businesses e.g. online

Changing competi* enviro

Compense

change keep market share in a competitive environment

ce reduction

- reduce prices to attract v customers
- increase in sales not always = increase in profit, but may keep market share
- . can lead to 'price war'

Product differentiation

- . being different from the competition:
- .design: looks and/or works better
- . unique: features that others do not have

Collusion

- . work with competitors to fix prices to avoid a price war
- . can be illegal often done without anything 'official' being done