

A Level AQA Business Course Companion

3.9: Strategic Methods: How to Pursue Strategies

2nd Edition – August 2023

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Teacher's Introduction

This resource has been written to support the teaching and learning of AQA Advanced Level GCE in Business to be first examined in June 2017. It covers in depth the content required, plus key topic points and a variety of learning opportunities to engage and develop student capabilities. Where relevant, key terms have been included together with illustrations to support learning.

This resource supports the teaching of Section 3.9: Strategic Methods: How to Pursue Strategies, which is part of the AQA Advanced Level GCE in Business (7132). It provides a detailed and accessible overview of the areas of study stated within the specification.

This resource is intended to be used as a companion for teaching and, while extremely valuable, is not an exhaustive list, so reading around the topic is recommended. Suggestions for additional resources are included and additional source material referenced. While this companion focuses on content, a variety of learning styles are catered for to help keep your students engaged and on task. At the end of each section are sample questions and answers to test your students' grasp of the content.

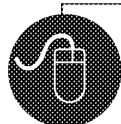
You can use the notes in this resource either as student preparation, as revision guidance or to supplement your class teaching. The questions in this resource include some quantitative analysis as these are skills now assessed in the exam.

Relevant case studies are included to both broaden and deepen student knowledge and bring a real-world flavour to their learning.

Each topic is explained in full and accompanied by a series of questions and extended-learning opportunities, which are designed to consolidate student understanding and hone their application, analytical and evaluation skills. Mathematical practice opportunities are included where appropriate. Answers are provided for each question.

The practice activities can be used to support the delivery of a lesson, be set as homework and/or be used by the student during independent learning.

August 2023



A web page containing all the research task links listed in this resource is conveniently provided on ZigZag Education's website at [zzed.uk/12323](https://www.zzed.uk/12323)

You may find this helpful for accessing the websites rather than typing in each URL.

2nd edition – August 2023

- p.3 – section removed: 'The Experience Curve'
- p.10 – section heading changed to 'How to manage issues caused by growth and retrenchment'
- p.10 – 'Managing growth: Greiner's model' removed from key points
- pp.11–12 – section removed: 'Greiner's model of growth'
- p.12 – Research task question 1 removed
- p.17 – heading updated to '3.9.3. Assessing Globalisation and Internationalisation'
- pp.17–19 – sections added 'Business Reasons for Greater Globalisation and its Importance to Businesses' and 'The Importance of Emerging Economies for Business'
- p.19 – Four new questions added under 3.9.3a and answers added, subsequent questions have been renumbered to fit.
- p.20 – section on trade agreements updated to reflect EU/UK status
- p.22 – updated population data for 2023
- p.23 – Nissan case study updated
- p.26 – value of the pound paragraph updated
- p.30 – section removed: 'Bartlett and Ghoshal matrix'
- p.31 – question 2 removed and answer
- p.32–33 – section removed: 'The impact on internationalisation for the functional areas of the business'
- p.32–33 – automation added to list and paragraph added
- p.32 – data in graph updated for 2023
- p.35 – section removed: 'Enterprise resource planning (ERP)'
- p.35 – removed question 3 and answer
- pp.39–41 – section removed: 'The impact of digital technology on the functional areas of the business'
- p.40 – Q1, South Africa added to answers

3.9: Strategic Methods: How to Pursue Scale

3.9.1. Assessing a Change in Scale

Why businesses grow



Key Points Covered

- Why businesses grow
- Economies of scale and scope
- Synergy
- The experience effect

It is often taken as a given that a business looks to grow. There are many benefits to having the financial clout to outspend competitors in research and development and to gain a competitive advantage.

So most companies look to grow, but not every company has the same objective. A small business might set objectives to grow to a certain size in terms of revenue or the desire of the owner to achieve a certain income or profit each year. A larger business might aim for market share – aiming to become the market leader, for example.

So why might a business set growth as an objective?

- **Profit:** Shareholders and other business owners look for profit, so businesses grow to increase profit. If the business is profitable as it is, shareholders are likely to feel that the business is not making good use of its resources in order to make more profit. Why make a 10% profit on £100,000 (that's £10k), if you could make the same margin on £200,000 (£20k) or more?
- **Efficiency and profitability:** Profitability grows how *capable* a business is of being profitable, generally presented as a ratio of efficiency – making good use of resources – to profitability. Businesses can achieve greater efficiency through economies of scale:
 - by increasing its output, a business can decrease its average operating costs.
 - by purchasing raw materials in bulk, a business can decrease its total costs.

More on *economies of scale* later.

- **Market power over customers and suppliers:** Remember Porter's five forces. Firms are constantly at odds with one another to gain power over their markets' suppliers. Having power over suppliers can mean leverage which leads to lower costs, a major reason – profitability.
- **Brand recognition:** Again, firms often increase their market share and brand recognition as a medium-term tactic that supports the greater goal (strategy) of increased profitability. Supermarket chains, such as ASDA and Sainsbury's, work tirelessly to increase their brand recognition, becoming the one name people think of when they need to do their weekly shopping. They do this through research on their customers (and potential customers) as well as push all manner of promotional campaigns. These could be anything from posters on bus shelters to in-store demonstrations and loss leaders (e.g. selling televisions at less than the recommended selling price). This brand recognition is an asset that draws customers in to buy from the business, a key to success. More on this later.
- **Managerial personal objectives:** Business leaders themselves are often the ones driving growth. They are looking to progress in their careers and earn more money. Boosting the size of the business is one way of doing this for themselves personally.

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Economies of scale

A business can become more efficient by being larger, so this is one impetus for growth. It may be that the business wants to become large enough to compete with others in the market who are benefiting from these economies of scale and are, therefore, more competitive. Or a B2B firm may be being squeezed by its customers to charge lower prices, and, therefore, it is having to find ways to produce at lower cost in order to remain profitable.

There are three main types of these economies of scale: technical, purchasing and managerial.

Technical

As output increases and becomes more efficient, the average cost of production falls.

Example: Economies of Scale

Let's use an example: 2000 Teas Ltd is a beverage company that specialises in tea. The company's biggest seller is its classic breakfast tea, which it buys from a supplier. The cost of purchasing the tea is £0.50 per 1 kg. 2000 Teas Ltd sells its breakfast tea at £2.00 per 100 kg.

The calculation to find the selling price for 1 kg of breakfast tea is:

$$\text{Selling Price of 1 kg} = \frac{\text{Selling Price of 100 kg}}{100}$$

$$\text{Selling Price of 1 kg} = \frac{200}{100}$$

$$\text{Selling Price of 1 kg} = £2.00$$

The difference between the selling price (£2.00) and the cost of raw materials (£0.50) is the profit that 2000 Teas Ltd receives for every 1 kg of breakfast tea it sells. There are a few ways it can increase its profit:

- **Purchasing:** If 2000 Teas Ltd was to increase the amount of breakfast tea it buys (by buying in greater bulk), the company might be able to negotiate a lower price for its tea.
- **Managerial:** Often the management team of a firm has scope to manage more efficiently and significantly more time. For example, hiring an extra staff member to deal with orders in its warehouse will not necessarily mean the manager of the warehouse has to do any more work.
- **Technical:** Imagine 2000 Teas Ltd hires a machine to package the tea into tea bags. If they don't sell enough tea to be using it 24/7. If they buy more tea, they can use the machine for production without buying a new machine. Running costs may increase, but the machine cost remains the same, and is spread across more units produced.

Let's calculate the difference again, but assuming 2000 Teas Ltd negotiates a lower price for its tea, say £0.40 per 1 kg.

The difference between the selling price (£2.00) and the cost of raw materials (£0.40) is now £1.60. If 2000 Teas Ltd continues to sell at the same rate, the company will make more profit. With the power of negotiation they gain from buying in greater bulk.

Since 2000 Teas Ltd now pays less for its tea, it could bring down the selling price, potentially generating more sales and increasing profitability as a result.

Average Costs

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Purchasing

The more a business buys in bulk, the cheaper raw materials can become on average. Taking advantage of the economies of scale that your suppliers benefit from – and then pass on their savings with lower prices for their customers who order large quantities.

However, there is another element too – if your business, as a supplier's customer, has enough power, it can pressure the supplier to accept lower prices – and by threatening to switch to a short-term supplier, smaller suppliers will have to accept the lower prices or lose the customer. Supermarkets have been known to take this approach and are a prime example of economies of scale – although it can lead to bad supplier relations, which can turn into a responsibility and public relations problem.

Managerial

Managerial economies of scale are the efficiencies a business can obtain by its management **leverage**. Leverage is the ability to make a small effort that gives a proportionally large result. For example, a supervisor checks the first product an employee produces in order to ensure it is correct. Corrections and improvements that the supervisor suggests on the first product apply to each subsequent product, requiring no additional input from the supervisor.

So if a manager trains one employee, often they could just as easily train two, three or more employees without much more effort. If it takes four hours to train the first employee, it might take five hours to train two – meaning the average training time is 2.5 hours per employee, reducing unit costs.

The same effect can be achieved by taking a management structure or system, such as a quality control system, and applying it to a larger team. As long as the system is scalable (i.e. it can be expanded without losing effectiveness), overhead costs of this system will be spread across a larger number of units, reducing unit costs.

Financial

Another economy you will sometimes see is *financial* economies of scale: where a business has easier access to capital, from stock market flotation to lower interest rates for borrowing.

Economies of Scope

A large business may also benefit from being able to make use of its infrastructure to generate more revenue – by expanding the scope of its products or services. For example, by marketing or operations, it can make more money.

Looking at 2000 Teas Ltd again, if they market tea to shops, why not also do the same with coffee? They are already sending sales representatives to small and large shops who sell both, so there is a potential efficiency in doing both things at once. There are a few different types of economies of scope:

- **Infrastructure** – where a business has developed a system, structure or facilities that can be used for different products or services. For example, a bank that sells insurance can also sell mortgages. Its salespeople will need additional training, but once they have had that training, they are (literally) being 'in the room' with the customer, and can be selling the bank's services to them for commission.
- **Network economies** – economies of scope are often developed so that a new product or service can often be added with very little additional cost.
- **Marketing** – firms that sell multiple products to the same customer can benefit from economies of scope. So a firm that uses direct marketing to sell office supplies can make use of the same marketing already does to sell more different products.

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Synergy: better together?

Often cited as a benefit of a merger (see below), *synergy* is where a team or business parts. 2 plus 2 does not equal 4, but 5. A team can work better together than the individual members, by coordinating work, getting rid of duplication and playing to strengths. Businesses can do that too.

For example, imagine Gloss Ltd is particularly good at marketing its make-up products, but is unable to produce them cheaply. It merges with Lippy Ltd, which has particularly effective products but is less savvy on the marketing front. The result? The new company will surely be a force to be reckoned with in the cosmetics market!

Evaluating synergy

Synergy is often played down as a justification for mergers these days. You can imagine that the merger of Gloss and Lippy might have spoiled Gloss Ltd's image, and perhaps Lippy Ltd's products don't meet the high standard that Gloss Ltd's customers expect!

3.9.1a Questions

1. Explain **two** reasons why a business will choose a growth objective.
2. Tiny Desks Ltd designs and manufactures flatpack office furniture. 95 per cent of its products by the company are sold to IKEA. The company believes that it is not big enough to compete so would like to develop more market power for itself. How could Tiny Desks Ltd achieve this?

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Assessing methods and types of growth



Key Points Covered

- Organic growth:
 - Franchising
- External growth:
 - Mergers and takeovers
 - Vertical, horizontal and conglomerate integration

So the business can grow. How?

The Difference between organic and external growth

'External' growth refers to situations where a business expands its operations by either through a merger or by taking over the other firm. On the other hand, growth business increases its output or sales without integrating with another firm. Note internal sources of finance, such as retained profit, or 'external' sources of finance new shops using a loan from the bank. Organic growth is a more managed method the rapid growth that a takeover or merger would involve.

Franchising

Franchising is a type of **organic growth** for the franchisor. The franchising process straightforward: the owner of an *established* business, the *franchisor*, grants a *franchise* or *service* in exchange for *monetary consideration*. Franchising allows a budding entrepreneur to start a business with a *degree of independence and a minimum of risk*. Motor vehicle dealerships (VW) and product *brand franchises* (such as KFC and McDonald's) are very common.

Franchises have become a popular form of business type as they allow the small business owner to participate in a 'ready-made' business opportunity. The franchisor, the established business, use its brand name, business model and supply chain, gains many of the benefits of brand recognition (brand name and profitability) without all of the risk associated with opening and managing new operations.

	Advantages	
For the franchisor (seller of the franchise)	<ol style="list-style-type: none"> They receive a <i>lump sum income</i> from the franchise sale in addition to a regular agreed percentage of franchisee's profit. The name of the established business gets <i>more widely promoted</i> with the sale of every franchise. 	<ol style="list-style-type: none"> There is a <i>degree of independence</i> in operation. The <i>reputation</i> of the business can be passed on to the franchisee.
For the franchisee (buyer of the franchise)	<ol style="list-style-type: none"> It trades under an <i>established business name</i>. Has access to a <i>network of help and support</i> from the franchisor. 	<ol style="list-style-type: none"> They must <i>pay a fee</i> to the franchisor. Part of the fee is <i>paid to the franchisor</i>.

Joint venture

Another way of expanding, particularly abroad, is a joint venture with another firm taking advantage of local expertise to go into a new market. More on this in Section 3.9: International.

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Mergers and takeovers

Mergers are where two or more companies come together voluntarily, forming a single entity, often with a new name. The new company usually supports (as closely as is reasonable) the previous strategies of the merging companies. Any shares that each company previously had in their own businesses would be exchanged for shares in the merger company.

A famous merger occurred between mobile phone providers Orange and T-Mobile, which came together to form the merger company EE. The merger, which happened in 2010, instantly increased the high-street presence of their collective advertising, giving us more than £6bn and giving us multiple advertising campaigns. Kevin Bacon.

A takeover describes the buying out of one company by another, which usually occurs by shares. Once a person or company owns more than 50 per cent of all shares in a company, they have taken it over because they have overall control. A takeover may be agreed by the company, or it may be a hostile takeover where the purchasing firm gains control of over 50 per cent of the shares without the wishes of the management of the smaller firm.

One of the most successful takeovers of all time was that between Disney and Pixar. Disney and Pixar had worked together on blockbuster smashes such as *Toy Story* and *Monsters, Inc.* Disney took charge of production and design and with Disney leading marketing and distribution for both sides. However, the partnership contract was coming to an end and so, Disney bought Pixar outright for around \$7bn (USD). Since the acquisition, Disney has made more international hits, including *Up*, *Toy Story 3* and *Wall-E*.

Reasons for mergers and takeovers

Businesses take part in mergers and takeovers for many reasons, most of which are tactical or strategic.

Tactical reasons for a merger or takeover might include:

- to increase a business's market share
- to gain skilled staff
- to increase technology
- to gain ownership of intellectual property
- to expand to other locations

Strategic reasons for a merger or takeover might include:

- to increase profitability
- to achieve greater brand awareness
- to increase distribution capabilities
- to move a business into new markets

Horizontal, vertical and conglomerate integration

Mergers and takeovers can occur at different stages in the production process. *Horizontal integration* occurs when one business joins another at the same stage of the production process (e.g. two supermarkets joining to form a superstore). *Vertical integration* describes when one business joins at a different stage in the production process (e.g. a supermarket buying a supplier). A third type is conglomerate integration, where one business joins another in an unrelated industry (e.g. a mining firm buying out a supermarket).

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Let's use an example:

Dress Nation Ltd is a British clothes retailer. The company has many competitors and online traders. Below shows how Dress Nation Ltd's production process might look like.

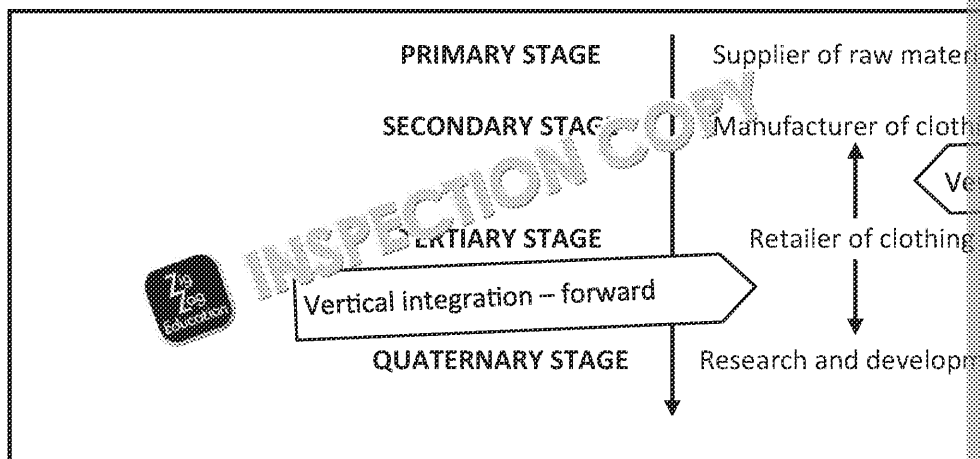


Diagram: The production process of Dress Nation Ltd

Dress Nation Ltd is situated on the tertiary (third) stage of the production process, i.e. the company is the one selling products that have already been designed, manufactured and supplied. Dress Nation Ltd is now looking to grow and so it might decide to use horizontal integration or vertical integration.

Horizontal: if Dress Nation Ltd buys out another clothing retailer, the company is integrating horizontally. This is because Dress Nation Ltd and the other retailers are the same (i.e. will be both clothing retailers).

Vertical – backward: if Dress Nation Ltd purchases a clothing manufacturer, it is integrating vertically (different business type (i.e. different industry sector) and stage of the production process (the secondary stage)).

Vertical – forward: if Dress Nation Ltd purchases Future Fashion Ltd, which produces technology for clothing, this will again be a different stage of the production process (quaternary, fourth stage).

Conglomerate: if Dress Nation Ltd buys the fast-food restaurant next door, it is integrating diversely (different industry altogether).

Reasons for horizontal integration

This is a common form of integration as businesses can expand relatively quickly and choose horizontal integration, including:

- the buying company instantly increases their market share (assuming that the other company is a competitor)
- the buyers also benefit from economies of scale (e.g. having more machines to produce more goods at a more efficient cost)
- the business effectively eliminates its competitor
- the expansion of a business can also help it enter a new market segment, such as a business that has shops in the north of England and, therefore, expanding its market to the south of England

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Reasons for vertical integration

Many supermarket chains opt for this form of integration, i.e. purchasing a distribution of their supply chain (e.g. farmers, wholesalers, etc.). There are many reasons for vertical integration, such as:

- maintain and control the supply chain
- personally manage the standard of quality (e.g. the 2013 horse meat scandal where supermarkets did not keep tight enough control on their suppliers)
- keep supplies away from rival companies
- access to market, i.e. manufacturers want to personally take care of their goods in order to display and advertise their goods in the way they wish

Reasons for conglomerate integration

Usually only a small number of very large businesses, this is a risky type of expansion.

- it may be for purely financial reasons – e.g. the smaller business is a cash cow that can finance its operations
- the conglomerate may benefit from wider synergy or economies of scale such as a central department that looks after all the finance, or by sharing best practice, e.g. in marketing
- the business diversifies its operations and, therefore, spreads risks – if there is a problem in one area, the mining firm can survive with the financial support of the supermarket chain it has acquired

Risks and rewards

As with almost any business venture, mergers and takeovers come with risks. However, they can turn several smaller companies into multi-million pound successes.

The risks of a merger or acquisition may include:

- the costs of purchasing another business
- the costs of reorganising the businesses
- redundancies necessary as employees increase their numbers or lose their value
- reworking of IT systems to ensure they can communicate efficiently
- rebranding of businesses
- the obliteration of shared values for either company
- particular risks in conglomerate integration, and in vertical and conglomerate integration, the new business may not have the necessary resources to run the business

The rewards may include:

- revenue gained from the new business(es)
- economies of scale from spreading across organisations and markets, and increasing market power

Problems with rapid growth

Successful mergers and takeovers are examples of rapid growth. Once a business becomes bigger. There are some issues that come with this, including:

- diseconomies of scale, e.g. as the business expands, communications become more difficult
- companies can become so large that they lose their strategic direction
- mergers and takeovers can result in all firms diluting their core competencies
- clashes of corporate culture, such as one firm holding different values/ethics to another
- employees may not be willing to share information/skills with their new colleagues
- local culture clashes, i.e. if one firm is bought out by a foreign business, this can cause problems

We will discuss all of these in more detail later.

3.9.1 Strategic Methods

Please write your answers on a separate piece of paper or in an exercise book.

1. Why might a business wish to grow?
2. What is the difference between a merger and a takeover?
3. Explain the difference between backward vertical integration and forward vertical integration.
4. International food conglomerates Heinz and Kraft Foods merged in 2015. List five of the many major brands, including Capri-Sun, HP Sauce, Heinz Baked Beans and others.

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How to manage issues caused by growth and retrenchment



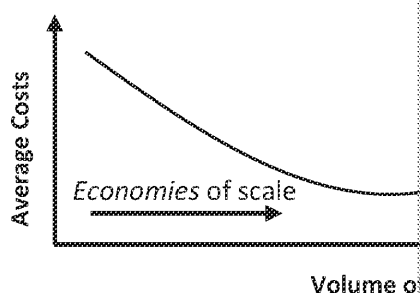
Key Points Covered

- Problems arising from growth: overtrading and diseconomies of scale
- Why businesses retrench

Growth is generally a good thing for business, but there are a few minefields to navigate.

Diseconomies of scale

Earlier we saw how unit costs can fall as the volume of production increases. The other side of the story is that unit costs can actually increase if production goes beyond a certain point. The idea here is that at any particular time there is an optimum level of production for the business where the unit costs are lowest.



Coordination

Let's look at 2000 Teas Ltd again: the company is able to sell 10,000 kg of breakfast cereals (to various supermarkets) from its one warehouse. Encouraged by the number of sales generated, 2000 Teas Ltd decides to increase its output to 15,000 kg per month. However, the warehouse becomes overcrowded, and delivery lorries queuing to get in and out, leading to an increased cost of transportation – and the average cost for each unit goes up again.

Communication

Another diseconomy of scale comes from the expansion of a company's production. As the internal network of communication can become more complicated and, therefore, more time-consuming to use, grows to an unmanageable point, there is a chance that the bulk of the firm's employees will lose sight of the vision or strategy they are working towards.

Motivation

As a manager's *chain of command* grows, it may also become more difficult for subordinate employees to voice their opinions or receive support in pursuing their ideas. This can create rifts in the company and even result in demotivation of a workforce that feels undervalued.

Control

As the business grows, senior managers lose a level of control over parts of the business (with no one experienced there to analyse methods), duplication of roles (with too many people doing the same thing), bureaucracy (with no managers with the scope to see it is unnecessary or the authority to change it).

Overtrading

This is a common problem with new businesses, but can happen to large ones too. It occurs where a business hits cash flow problems due to rapid expansion. Think of the film *Boyz n the City* where American kids win a contract from the US Government to supply the Afghan National Army with weapons. These two would-be arms dealers didn't have the cash needed to supply the weapons, let alone transport them halfway round the world, but they took the order anyway.

Okay, in the film (and in the real-life story that inspired it) they managed it – but they had serious cash flow problems, and taking on an order larger than a firm can fulfil is one such problem. Cash flow – such as buying the guns on credit, and then delivering them to the army before the credit period expires and you get sued for the money – can be a real problem.

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Why Businesses Retrench

A possible answer to the question of 'where next?' is that the business may need to scale down rather than expand. Scaling down its operations is known as **retrenchment**. A business may retrench for a number of reasons:

- Perhaps it has hit too many of the problems we have discussed above: direct costs are too high and it's losing efficiency.
- Maybe a merger has gone wrong – the business is too big to function effectively.
- Perhaps it needs to raise funds to pay off its debts.
- It could be that an area it decides to expand into – such as an overseas market – the business is withdrawing.
- Or perhaps its core market is in decline, or competition is too fierce.

Retrenchment can involve closing branches, selling a portion of the business or withdrawing from niche markets. It may make staff redundant, either gradually by freezing recruitment and cutting back specific less-profitable divisions, or by delayering – removing a level of management of the business that was previously integrated. This may both cut spending and refocus management to focus on the business's core activities. In 2014, after failing to regain its position in the mobile phone market, Nokia sold its mobile and devices division to Microsoft. Two years and being desperately in need of funds; the Finnish firm then refocused on its core equipment company, Nokia Networks.

The impact of growth or retrenchment on the functional areas of the business

All these changes in scale have associated problems. Firms need to be sure that the benefits of growth or retrenchment – will be offset by the costs of the changes, such as the loss of sales revenue and redundancy pay for former employees – will be offset by the benefits.

	Growth	
Marketing	Rapid growth will require the marketing department to keep up with a growing number of markets the business is entering into, or the business risks losing sight of what customers want and how to reach them.	When a business enters new markets, the marketing department will be the promising business is refocused.
Operations	Maintaining quality in production (including service levels in service industries) will always be a key requirement for operations, and at no time more than when the business is growing.	Ensuring that production levels match demand in new markets, factors into the change in operations. The change in operations may require to reorganise a match.
Finance	Cash flow is a key consideration here. Periods of rapid growth are dangerous times for a business – maintaining liquidity is crucial and working capital is always going to be stretched at this time. In addition, ensuring the cost of any finance needed for expansion is tolerable.	Challenges will arise as the business can meet its costs. Revenue, retaining shareholder expectations.
Human Resources	Maintaining and developing a corporate training programme and ensuring the business complies with regulations in any new countries it is operating in.	Human resource management is a challenge of retaining the best staff, unless the retrenchment is the last resort of a business.

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3.9.1c Questions

Please write your answers on a separate piece of paper or in an exercise book.

1. Rising Batches Ltd is an independent bakers located in a large city. The company has been successful for several years and so its owners are considering an expansion of five additional cities. What pitfalls could arise from this growth?

3.9.1 Research task

1. Research Tesco's original entry into China. How did they expand into the market and why?



Te

<http://www.raconteur.net/business/why-tesco-failed-to-crack-china>

<https://www.tescopl.com/about-us/our-businesses/tesco-china/tesco-in-china>

<https://www.theguardian.com/business/2013/aug/09/tesco-withdraws-brand>

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3.9.2. Assessing Innovation



Key Points Covered

- Kaizen
- Research and development
- Intrapreneurship
- Benchmarking
- Protecting intellectual property

Why businesses innovate

Innovation has long been a buzzword in business. Innovation can lead to an edge, a completely new market, or a revolution in efficiency or marketing reach. In a competitive market, a company needs some form of USP to guarantee its survival. There's a battle for customers to offer some combination of the best price, the best product, and the best delivery. In a capital market, there's a battle for share value, victory in which depends on convincing shareholders in the first battle.

Being ahead of the competition means being better than the competition – at least being different, and innovating.

The value of innovation

There are three main ways a firm can innovate. Firstly, it can **improve existing products**. These are generally quite small, such as altering a characteristic or slightly enhancing it. Cars or smartphones as examples. However, these improvements can mean a firm's success – often it is these features that differentiates one firm's products from another.

Secondly, a firm can **develop completely new products**. This can open up new markets, a 'first-mover advantage', where the first firm in the market is ahead of the competition. The dominant brand associated with the new product. For example, when Apple launched the first tablet computer available to the mass market, and today it is still the leading brand in itself. (That the first mover has an advantage is not guaranteed – for example, Myspace was the first social networking site, but Facebook out-innovated it technologically, targeted a different market, used better marketing techniques, becoming the market leader, and similarly synonymous with social networking.)

Finally, a firm can innovate in the way it does things. This is called '**process innovation**'. Supermarkets are a great example of process innovation: the distribution, purchasing and supply systems that chains use have improved hundredfold since the advent of computer technology. Nowadays, whenever you go to a supermarket and purchase a bag of crisps, those products are then communicated from the checkout to the stock room to let workers know that they need to put more crisps out on display. In the same fashion, the supermarket's suppliers are automatically notified how many crisps have been sold throughout the day or week so that they can provide the right number of products on the next delivery.

There are lots of ways that each of these types of innovation can be encouraged and supported, see shortly.

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Becoming an innovative organisation

Kaizen

Kaizen businesses work to improve their processes with the idea that this should lead to better outcomes. Unlike quality circles, which give responsibility to some employees, kaizen involves all members of the workforce by continually asking for ideas on how employees believe their work could improve.

The kaizen method (also known as *continuous improvement*) can bring about many benefits, including increase in employee motivation and productivity, reduction in wasteful processes, and higher quality and overall improvements to a business's final products and services. Firms that use kaizen consider it an integral part of their business practices. A good example of a kaizen-focused business is the Japanese car manufacturer Toyota.

The philosophy behind kaizen is based on *gradual change* and *employee suggestion*. Small, considered steps (rather than focusing on large, individual innovations) with a large volume of changes will eventually result in huge improvement.

Businesses cultivate a *culture* of continuous improvement by encouraging their workers to make suggestions. These suggestions can be as big or small as necessary – sometimes improving the smallest detail creates the most noticeable results! Suggestions can be given anonymously, using a suggestion box, or to a specific person. Kaizen businesses focus on the talents of their employees, and their ability to improve, rather than invest in expensive machinery in order to get to the same outcome.

Kaizen may seem like a long-winded (and, therefore, pricey) way of working, but it is a solid foundation for innovation that gives them the competitive advantage over any rival. It improves quality, but increases motivation, too, as employees feel more valued and encouraged to go the extra mile for their employer.

Research and development

Much of a business's competitive advantage can come from its research and development. Companies that have a strong focus on R&D, such as tech giants Google, Apple and Microsoft, have more power over their markets. By investing in R&D, a firm can differentiate itself from its competitors (brand presence (so people see the company as different) and developing a certain reputation (so people consider the company's products as high quality)).

There is an incentive for companies to invest in R&D since not only do their brand loyalty and customer loyalty can increase as a result of this, leading to more regular sales, revenue and profit. With enough market power through R&D, it is able to be competitive without having to have more market power also means the business can set its own prices (perhaps even higher) without having to worry about what its rivals are charging. In addition, with more profit, part of which a company can reinvest into its R&D processes to continue to improve.

Intrapreneurship

Many companies promote *intrapreneurship* from their staff as a way to cultivate innovation and leadership. *Intrapreneurs* are individuals who act like entrepreneurs but work within a company.

Businesses benefit from this initiative as it helps develop employees into highly motivated individuals that become valuable as a result. The intrapreneur, on the other hand, bears the same certain risks as an entrepreneur would, while comfortable in the knowledge that they are not on the line personally.

Companies encourage intrapreneurship through reward systems. These can include monetary bonuses and commission payments. The business reaps any rewards for its success, while the intrapreneur is not responsible for any failures.

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Benchmarking

Innovation of both product and process can be achieved through benchmarking. A firm compares its product to that of your best competitors, with the aim of improving your own way of innovating to improve your product. A similar thing can be achieved with consultants, who gather data from a specific set of competitors, and share that data with every firm involved to identify where its weak spots are compared with its competitors' strengths and energies. Is our lead time good or bad? Could our labour productivity be better? A consultant will tell you where you are in the rankings – good, bad or ugly.

How to protect innovation and intellectual property

We have talked about how innovation can give a firm a competitive advantage – whether through lower costs, better delivery methods or better customer service, or product innovation. But this advantage may not last if competitors simply copy the business. A firm has to protect its innovations as far as possible.

For product innovation this is clear. Firms can try to keep their 'secret ingredient' under wraps, by defending against **corporate espionage** with contractual clauses for their employees, suppliers and distributors to not reveal it. However, where a physical product can be backwards engineered (i.e. another firm could take one of your products to pieces and see how it works), keeping the thing secret is not feasible. Instead firms will **patent** their design so that it cannot be directly copied – this gives the firm monopoly power over that specific product, and can last up to 20 years. However, there is a cost to patenting designs, so the firm has to recognise that they are worth protecting, and also be able to afford to protect them. Furthermore, patents need to be registered in different countries individually. These are enforceable in civil courts, and many big firms have ongoing disputes over whether or not their competitors have copied designs. And the consequences of who a firm can convince the court it has lost is massive. In 2014, Apple and Samsung were both found guilty of infringement of patents. Apple had to pay Samsung \$1.2 billion and Samsung had to pay Apple \$158,400. (An online video of Samsung making payment by sending lorryloads of nickels to Apple's headquarters was out to be an example of fake news!)

In the creative industries and the knowledge economy, individuals and firms have creative works – meaning only they can license distribution of it. In 2001, Napster, a company that allowed users to share files with each other on a massive scale, was shut down by a court ruling which argued its members were suffering loss of income due to the sharing of MP3 files. The court ruled this was breaking copyright laws. Since then filesharing has decreased in popularity. In the film industry, for example, according to some estimates, more people have watched *Zombieland* than paid to watch it, and as a result the producers would not fund a sequel. A major problem for copyright for creative industries is that it is automatic, so it does not have to be registered (although you can prove that you were the original creator somehow), and that copyrights are recognised around the world through the Berne Convention.

In terms of process innovation, this is more difficult to protect. Machinery and methods can be patented, but with the 'secret ingredient', the firm may choose to simply keep it confidential. This is often done with recipes. When employees move from one firm to another in the same industry, however, conflicts with non-disclosure agreements can arise. A firm's marketing department may want to brag and boast about its innovative methods through press releases, but this risks telling competitors how it's done.

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The impact of an innovation strategy on the functional areas

Innovation is a boon for **marketing** departments – something they can brag about. They will have to choose the right pricing strategies, such as the challenge of recognising what the key thing about innovative new products is that customers, and who those customers might be. Marketeers can also benefit from viral marketing themselves.

Operations can clearly benefit from process innovation – reducing costs or making services possible. However, they are more likely to come under pressure from marketing. A lot depends on their innovation in their production processes. It will also fall to them to implement the large-scale production of innovative new products from research and development. They have their own challenges.

Finance divisions in an innovating business may find that costs are suppressed with innovation, but they could equally have problems with funding innovation – research and development of its results, and the investment required often means long payback periods which they have to justify to investors.

Human resources have scope to be innovative; for example, in developing new ways of teaching or online learning. They may also be asked to cultivate a culture and matrix structure where different specialisms can come together to support innovation. Giving autonomy and intrapreneurship may mean difficulties in defining job roles and structures such as the risk that the business loses control of employees.

3.9.2 Questions

1. Explain the difference between product and process innovation.
2. Imagine you work in the finance department of a medium-sized manufacturing company. You have been asked to justify to investors why the firm needs to spend significant resources on researching and developing new products rather than paying higher dividends or increasing share prices. Explain why innovation is important.

3.9.2 Research task

Toyota is famous for its application of the kaizen method. Research how it applies to the business.

- what Toyota's mission statement and objectives are
- what the business is trying to achieve with kaizen
- what other types of innovation the company uses
- an evaluation of how well Toyota's innovation strategy helps it meet its corporate goals

Toyota Group PLC Links

- <https://www.youtube.com/watch?v=Ohu9WH3a5FM>
- <https://www.theguardian.com/business/2007/dec/02/kaizencomment.businesscomment.businesscomment>
- <http://blog.toyota.co.uk/kaizen-toyota-production-system/>
- <http://www.telegraph.co.uk/news/nh/1219102/can-the-japanese-car-factory-a-seattle-hospital-work-on-the-idea/>

Bonus research: How successful is Toyota's methods? Check out *The Toyota Way: 14 Principles from the World's Greatest Manufacturer* (Jeffrey K Liker, 2004).

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3.9.3. Assessing Globalisation and Internationalisation

Business Reasons for Greater Globalisation and its Importance



Key Points Covered

- Reasons for greater globalisation in business
- The importance of globalisation on business
- The importance of globalisation on the economy

Several different definitions exist for globalisation, but for the purpose of A Level it will be the process of a national market or business becoming global in nature with similar strategies existing in each international location. In many ways international brands such as Coca-Cola treat the world as one global market, as similar marketing strategies are used in which they operate. These firms can benefit from accessing overseas finance, which is often easier than obtaining it in their home countries. Furthermore, it allows them to access a higher standard of living or of a better standard not just through importing, but by also locating some operations in overseas markets.

Businesses have greater access to global markets due to improvements in communication technology, deregulation of international markets and a lowering of trade barriers, thus making it easier to operate in overseas markets.

Globalisation provides a number of business advantages:

- **Improved purchasing economies of scale** – a business operating on a larger scale can benefit from purchasing economies of scale. More raw materials and components will be purchased, as the scale of operation increases, leading to its negotiation power with suppliers. Suppliers are likely to provide discounts for buying in greater quantities, thus reducing the costs of the business and leads to profit margins increasing.
- **Improved marketing economies of scale** – as the business operates on a larger scale, it can spread across a greater volume of output, thus reducing unit costs and leading to higher profit margins.
- **Increased sales and profit** – trading in overseas markets allows a business to access a larger market, as it will sell to a bigger target audience, thus increasing sales and profit.
- **Lower operational costs** – businesses can locate their operations in countries which offer a cost advantage with regards to land, labour and raw materials. This reduces operational costs and increases profit margins.
- **Access to skilled/knowledgeable employees** – globalisation has allowed businesses to access a wider pool of talent in terms of skills, experience and market understanding. This has been achieved through labour mobility between countries or the ability of some businesses, especially multinational corporations, to recruit from countries which contain a workforce with the desired experience, skills and knowledge.
- **Tax avoidance** – a multinational can have several headquarters located around the world. In different regions they operate within. Some will locate the headquarters in a country which has the lowest tax rate. The income earned by any of the subsidiaries is assumed to be that of the headquarters, thus allowing it to be taxed at the rate of the headquarters. For example, if a UK subsidiary has its European headquarters in Luxembourg, so any income earned by the UK subsidiary is assumed to be that of the Luxembourg headquarters, thus allowing it to be taxed at the rate of Luxembourg, which is lower than the UK. This minimises the amount of tax to be paid and keeps profit margins high. This practice is attracting much negative press, as multinationals earn millions of pounds a year, yet avoid UK tax payments by registering their headquarters in another country. For example, Apple's income in the UK is £3 billion but no corporation tax was paid here.

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Globalisation does bring some disadvantages for businesses:

- Competition for both domestic and overseas firms increases in those countries for international firms to enter. In the late 1970s manufacturing production was 12.6% of UK GDP, whilst by the end of 2011 it was 12.6% (source: ONS). Overseas firms produce products which are comparable to or of a higher standard than UK firms, contributing in part to the decline in UK manufacturing. The increased level of emphasis on businesses to develop strong brand images in an international market.
- As consumers become exposed to more firm variety, products their expectations fails to meet these expectations can lead to a rapid decline, due to the alternative consumers, as experienced by Nokia in recent years.
- Globalisation requires firms to invest a larger proportion of their funds in research and development, training, for example, in order to remain competitive.
- Businesses face increased threats of takeovers from overseas firms, especially Hewlett-Packard (HP), both American businesses, in the last two years acquired Cadbury, whilst HP bought Autonomy, a software firm.

Globalisation can enhance the economies in which overseas firms choose to trade. Consumer choice and quality improve, but local economies benefit through improved and increased demand for domestic suppliers. However, globalisation has been a mixed perspective. As industrialisation increases in some countries with lower environmental levels of pollution and deforestation rises. Furthermore, it is argued that the true benefits of operating in overseas countries benefits them only and not their chosen locations used to improve working conditions or local communities. However, multinational firms like Hewlett-Packard take an active role in the communities in which they operate by employee development, whilst also working positively alongside suppliers.

Although globalisation can provide many business benefits, it can be a costly mistake. Firms will embark on a joint venture with a firm that is already located within the market to enter. They can utilise their experience and understanding of these markets to enter it speedily, but efficiently. Furthermore, if the firm with which they join has targeted competitors, this can be a quicker way for the business to establish a reputation. In January 2012 Starbucks announced it was entering the Indian coffee shop market, the Indian conglomerate, Tata.¹

The Importance of Emerging Economies for Business

An emerging economy is a country with an average low income per head and low life expectancy, experiencing high rates of economic growth, in comparison to those countries which are developed. Some of the main emerging markets currently include Brazil, Russia,

Emerging markets provide a number of **benefits**:

- Businesses have the opportunity to increase sales and profits, as they have a large market to be achieved through exporting to these markets, locating operations within the country targeted or embarking on a joint venture with a firm already well established in the country.
- As competition increases in some markets or trade sectors, due to difficult economic conditions, emerging markets provide an opportunity for businesses to remain profitable in rapidly growing markets. Although competition in the UK supermarket industry is intense, it is able to remain very profitable in part due to its expansion into both the Chinese and Indian markets in 2004 and 2008 respectively.
- The increasing number of middle-class consumers in emerging markets creates a demand for luxury products. Jaguar Land Rover and Burberry have benefited from this increased demand for their luxury product ranges in both the Chinese and Indian markets.

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¹ Source: <http://www.bbc.co.uk/news/world-asia-india-16788563>

- Emerging markets provide the opportunity for businesses to access highly skilled labour at a lower cost than developed countries. This can reduce operational costs and increase profitability. The call centre industry has benefited from locating some of its call centres in India, but this has not always been as advantageous, as some customers have complained about the quality of service. At one time this was reported significantly in the media.
- Emerging markets provide businesses with the opportunity to be less reliant on a single market for sales. This can reduce the risk of failure, if one overseas market declines, as they can still access other international markets which should assist the continuity of the business.

Emerging markets do provide **disadvantages** to UK firms:

- The infrastructure and communication networks may not be as well developed as developed countries, as does the legal system.
- Governments may implement trade barriers to assist the development of domestic industries, making it difficult for UK firms to take advantage of the growth in these markets.
- Emerging market domestic businesses may be able to access government grants to subsidise their goods or services at a cheaper price than UK firms, thus making it difficult for UK firms to compete effectively in these markets.
- Although labour may be cheaper in these markets they may not have the required skills, resulting in the goods or service not being provided at the required standard. For example, it was to close its Indian call centres and relocate them back to the UK.
- UK brands may not be as well protected in emerging markets, as firms within these markets may not have trademarks and designs with little fear of court action. Not only does this lead to counterfeit businesses, but it can damage the brand, as confusion is caused in the eyes of the consumer between the genuine one. Furthermore, if the emerging market firm does anything to damage the brand, it may be irreparable resulting in long-term damage. For example, Dyson, founder of the brand, has faced the lack of intellectual property right protection in the Chinese market.
- Rapid growth in emerging markets can put significant pressure on suppliers to provide more goods and services. This can lead to inflation being at a higher rate than developed countries, which can increase the costs of doing business choosing to operate in these markets.

Any business considering investing in emerging markets needs to take a long-term approach. Success is highly unlikely to be realised immediately. There has to be a certain degree of patience. The country will not develop overnight. As one firm can see the benefit of operating in a new market, so can others. The level of competition could be far higher than anticipated, but if planned well, it should assist a UK firm in formulating the best strategy for success.

3.9.3a Questions

1. Explain **one** reason why globalisation has increased over the years.
2. Identify **three** ways a business may access the benefits of globalisation.
3. Explain why a country's membership of the EU or WTO improves trading opportunities within it.
4. Explain **one** advantage and **one** disadvantage for a business that belongs to a country that is a member of the EU or WTO.

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Reasons for targeting, operating in and trading with international markets



Key Points Covered

- Internationalisation
- Diversification
- Economies of scale
- Emerging markets
- EDI
- Trade agreements

There are various strategic methods a business can employ, including growth strategies, economies of scale, Porter's generic strategies and innovation. This topic concerns how businesses decide to operate internationally, the methods used and the advantages and disadvantages of doing so. Many businesses will buy and sell internationally or set up their operations in another country. The exact method a company uses depends on its size, industry and resources.

Reasons for internationalisation

Internationalisation is when a business produces or trades with markets outside its home country. There are many reasons why companies do this. For example:

Growth – to expand the business through increased market share, sales volume and revenue. Growth can be linked to the overall corporate objectives. Dyson moved its manufacturing to China to reduce labour costs, resulting in an overall reduction in costs of 30%, which would increase profitability.

Diversification – to reduce the risk of relying on one domestic market. An economic downturn can severely damage a business just trading within the UK. By diversifying globally, the business can spread its risk.

Economies of scale – a business may benefit from operational economies of scale. By producing in large quantities, a business may also benefit from managerial, marketing and purchasing economies.

Larger market – by operating globally, UK businesses may find a greater number of customers. For instance, the EU and the emerging markets such as India and China. Equally, it may be a larger market for the UK. The UK is shrinking, but becoming more competitive due to foreign investment in the UK. Emerging markets such as Russia, India, China (BRIC) and Mexico, Indonesia, Nigeria and Turkey (MINT) have opened up new trading possibilities with their huge potential markets. The BRIC countries have gained economic power, although the rate of growth is slowing. China's massive population is becoming more affluent and as a result companies such as Rolls-Royce cars and Burberry have grown in popularity partly due to their iconic brands.

Growth in internationalisation

There are three key reasons why internationalisation has grown significantly over the last few decades:


- **Trade agreements:** There are many different trade agreements throughout the world. The World Trade Organization encourages negotiations between countries to export around the world with fewer regulations and trade barriers. The largest trade agreement remains the European Union (EU) – despite the UK leaving the bloc. The EU has no tariffs or control between member countries, which means freedom of movement of goods, capital and removes the technical and bureaucratic barriers to trade. Other major trade agreements include the North American Free Trade Agreement (NAFTA) and ASEAN – Association of South East Asian Nations.
- **Transport:** Improved global transport links is another key reason for internationalisation. Improved freight links have lowered costs, meaning lower transport costs for importers and exporters. The use of containerisation has also helped. This simple but effective method of transporting goods has improved productivity and reduced costs dramatically.

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Learn more about containerisation here:

 <http://www.economist.com/blogs/economist-explains/2013/05/economist-explains-2013-05-07>

Video link:

 https://www.youtube.com/watch?v=Gn7loT_WSRA

- **Communication:** International communication has not only become cheaper through the Internet. Huge amounts of data can be communicated between continents. The development and use of the World Wide Web has not only opened up new markets, but has also enabled businesses to source new suppliers. E-commerce has meant access to a global market and businesses can now trade internationally, often without a physical 'brick and mortar' presence. This has meant potential growth without necessarily the huge investment in infrastructure internationally. Business-to-business companies have used electronic data interchange to send standardised documents to suppliers. This has led to greatly reduced costs for many businesses.

Evaluation point

While not all businesses actively enter international markets, those that do have a strategy – although, for some, they may have no real choice if the competition is – and entering an international market becomes a reactive decision, rather than a proactive one.

The increase in potential market is a great advantage, but companies should be aware of the following factors:

- a lack of knowledge of the market
- social and cultural differences between the markets
- the differences in practice and customs
- economic factors
- the difficulty of coordination, organisation and control of the business and production
- finally – probably the biggest issue for many businesses – the cost

3.9.3b Questions

1. Name the BRICS countries.
2. Name three economies of scale.

3.9.3b Research tasks

1. Find a UK business that has entered international markets. Identify the reasons they have done so. Rank these in order of importance to the business.
2. Find out about other international trade agreements. How do they compare to the current situation?

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Factors influencing the attractiveness of international markets



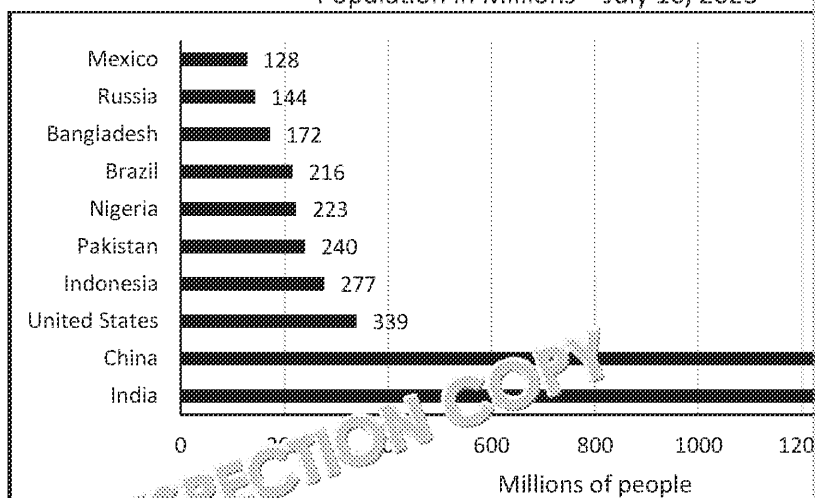
Key Points Covered

- Market growth
- Investment appraisal
- PEST analysis
- Decentralisation
- Ansoff matrix
- Porter's five forces

Size of market

The UK market is relatively small in comparison with a global market. China and India have over 1.4bn. Emerging markets around the world also mean that there are potentially huge businesses. For example, the food industry in India is worth five times that of the UK. Manufacturers and grocery retailers such as Tesco have great potential for increased revenue.

10 Most Populated Countries in the World
Population in Millions – July 16, 2023



Source: <https://www.worldometers.info/world-population/population-by-country/>

Cost

The cost depends heavily on which method of internationalisation is chosen (see below). Investment is usually far more expensive than exporting. A business is likely to consider the costs and complete a full investment appraisal.

External influences

PEST – The political, economic, social and technological influences would need to be considered. Economic influence could mean fluctuating exchange rates impact heavily on export prices. The legal environment could pose significant issues for a business setting up operations. There are also environmental and ethical considerations.

Culture

Culture can be defined as 'how we do things', and this can vary greatly from country to country. The UK has tended to trade mainly with the EU, due to the agreements and its proximity. Commonwealth countries and the USA. Businesses that trade with other areas need to be aware of differences, for instance, in business markets. In 2013, Tesco abandoned their loss-making operations in the USA, the UK and the USA retail landscape being blamed.

While the international language of business is English, setting up operations in a new country has language implications. Many of the local workforce may not speak English. This may lead to decentralised operations with local management. However, many businesses will have a senior management team from the UK. There are also issues in terms of differences in business practices.

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Competition

Breaking into a new market can be seen through the Ansoff matrix as a medium-risk strategy. It can be more risky if the market is particularly competitive. Porter's five forces identify market competitiveness. Also, significant barriers to entry may mean that existing businesses have a significant advantage.

Level of risk

The level of risk involved depends on the method of entry. A substantial investment in another country, although this also depends on the nature of the business. Setting up a factory is more expensive than setting up a call centre, for example. A business must weigh up its financial resources and corporate strategy.

Other

How accessible a market is – China is geographically vast – how do they transport goods? Indian people speak a variety of different languages – how do they market to all? A business would also need to consider their own resources in terms of finance, labour, as well as the resources within the target country, for instance technology and transport.

Case Study

Nissan in Sunderland

The UK Brexit vote in 2016 has had implications for both UK businesses and for Nissan's car plant in Sunderland employs around 6,000 people and is regarded as one of the most advanced plants in Europe. Nissan claims that a further 30,000 people are employed in the supply chain. However, Nissan has repeatedly questioned the future of the plant, having predicted its closure if the UK decided to leave the EU. The main reason for this is the increased costs of components shipped in from abroad. Nissan remains for the time being, but insists that the plant is not internationally competitive.

3.9.3c Questions

1. Why might entering a new market be seen as a medium-risk strategy?
2. Analyse two reasons why China and India might be difficult markets to break into.

3.9.3c Research task

1. Research how exchange rates have fluctuated over the last 12 months.
2. Explain how the value of the pound has affected the international trade of the UK.

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Reasons for producing more and sourcing more resources a



Key Points Covered

- Labour intensive
- Ethics
- Lead times
- Labour costs
- Trade barriers
- Offshoring

Many businesses will purchase at least some elements of their product from foreign reasons of cost. The raw materials may be more abundant elsewhere and labour product. However, they may purchase products on the basis of better quality, ethical technology, speed of manufacture and/or delivery.

However, a business may have to take into account ethical considerations. For, they have been criticised for their involvement in child labour in their supply chain. Also, they consider whether the supplier has experience of trading overseas, their financial position, and exchange rate fluctuations.

Reasons for producing more abroad

- **Reduced labour costs** – Although UK manufacturing wages/salaries are below many other countries, they are often much higher than in many other countries. A labour cost can reduce costs significantly.
- **Lower trade barriers** – By operating in the target country, rather than just exporting, a business can avoid tariff and quotas.
- **Proximity to raw materials / distribution** – Some manufacturers wish to be close to their raw materials to reduce transport costs, particularly if the customer is local too. This is especially true if the product is bulky and difficult to transport.
- **Skilled workforce** – Some countries have expertise in specific industries. This can be a significant advantage for a business.

Outsourcing, offshoring and reshoring

Outsourcing is where another organisation does the work. Offshoring is where some of the production is moved overseas. This can be done in the UK or overseas. Reshoring is the term used when the production is moved back to the UK.

Outsourcing is a very common business practice. Businesses will often outsource non-core activities such as catering, cleaning and IT. This enables professionals to complete these tasks so they can focus on their core activities. Offshoring has become more common in the UK, particularly with labour-intensive products. Many businesses cannot compete in mass production using the low labour costs that some countries can offer. However, we can compete in more niche, technical capital-intensive products where the labour costs that drive offshoring though. In the UK we have some of the highest labour costs. We also have many health and safety regulations that increase costs for UK businesses.

However, up to 15% of UK businesses are now reshoring. This is partly due to the high labour costs in other countries. It is also due to issues of quality – Trunki suitcases being one example where quality from thousands of suppliers was a problem. Other companies have reshored due to the need for faster production times.

Evaluation point

While many businesses are reshoring, the overall numbers indicate that offshoring is still increasing. The increasing standard of living in countries such as China indicates that offshoring is still a viable option for many businesses.

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3.9.3d Questions


JCB opens plant in Brazil

In 2012, JCB opened a new manufacturing plant in Brazil. This was not at the start of an expansion. As an emerging market, the Brazilian economy had been in a slump and infrastructure was needed. This included roads, housing and offices for their employees in preparation for the World Cup in 2014 and the Olympics in 2016.

JCB has also been investing in India with the opening of two new factories in 2014. This has actually fallen in recent times. However, as huge investment on infrastructure is planned, JCB wants to be prepared for the upturn in the economy.


JCB has factories in India, twelve in the UK, plus others in China and the USA.

 <http://www.bbc.co.uk/news/uk-england-stoke-staffordshire-19743133>


 <https://www.jcb.com/en-gb/about/news/2014/11/jcb-double-factory-indian-success>

1. Explain why JCB directly invests in countries as opposed to exporting goods.
2. Analyse the problems JCB might face when setting up operations in Brazil.

Frog Bikes

 <https://www.theguardian.com/business/2016/aug/19/frog-bike-brex-bike-companys-new-welsh-factory>

Adidas

 <https://www.theguardian.com/world/2016/nov/15/adidas-to-sell-rolls>

1. Outline the main reasons why Frog Bikes have reshored production.
2. Explain why Adidas have decided to reshore production.

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Influences on buying, selling and producing abroad



Key Points Covered

- Economies of scale
- Business-to-business
- Taxation

Selling abroad

Shareholders of limited companies usually demand increasing profits. One way to increase profits is to achieve an overall gain in economies of scale or scope. Purchasing economies of scale mean that internationalisation can hugely reduce unit costs. For example, raw materials, product, labour costs are often much lower.

Fluctuating exchange rates might present opportunities to increase buying and selling. A sharp crash in the value of the pound after the 2016 Brexit vote meant British goods suddenly became cheaper for those countries, which was an opportunity to sell more to those countries. The value of the pound is now lower than in the pre-Brexit era, meaning those business opportunities (for export – see below) have become permanent.

Buying abroad

The flipside of the Brexit vote and the crash in the pound that followed is that it is more expensive for firms to import components that firms imported suddenly became more expensive, leading to higher costs.

Some companies need to be nearer suppliers but many choose to be closer to the customers. This is particularly important in the business-to-business (B2B) sector, where relationships can be built and maintained. It is difficult to create a solid working relationship with suppliers if they are far away.

Linked to this is the lead time for delivery to the UK. Products that have to be shipped from overseas take longer to arrive in the UK. As a result, quality is a key influence. So are ethical considerations.

Producing and operating abroad

If the UK market has become saturated, then expansion overseas represents a useful opportunity. A business may be able to take its business structure abroad and benefit from economies of scale. This is particularly true of new markets where there are few local competitors – for example, Amazon's business model in the US and rapidly expanded it abroad.

Many countries encourage foreign investment through tax breaks. Businesses will benefit from this, and indirectly many more. Governments will benefit from an increase in tax revenue.

Depending on how they decide to enter international markets, a business may be able to use local licensees or agents (see the next section), which means they forfeit a certain amount of control. This can lead to quality issues if the business is unable to directly check or control the quality of the products sold under its name.

3.9.3e Question

1. Analyse the impact of a six-week lead time for a grocery retailer in the UK.

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Ways of entering international markets and value of difference



Key Points Covered

- Exporting
- Licensing
- Direct investment
- Joint venture
- Strategic alliance

Export

UK business takes orders from international companies and delivers. It is the least costly due to the lack of direct investment. However, this method does not allow for a direct relationship with customer and as the customer is not always known to the business, there is no direct feedback. Presales and after-sales service will also be minimal so may be less suited for high-value products.

The business can use existing systems, e.g. e-commerce, and their profit margins can dictate payment terms, e.g. delivery, currency, credit. The business is also liable for the costs of distribution although the lower barriers to entry may compensate for this.

The UK exports a lot of services, particularly in the financial services sector. This is an efficient way to provide these as many can be completed through e-commerce. The business can market and sell itself. This gives control over branding, pricing and distribution. The business may export indirectly, through agents. These are individuals or other organisations that sell the product in their local area. Alternatively, the products could be sold through a local distributor in the country. This method may be suitable for businesses with no experience in a foreign market but control of marketing is lost. Also, some agents will act as agents for other companies so they may not necessarily devote as much attention to each product.

Licensing

This is where one company gives another company permission to manufacture its goods or services. The licensee is given permission to make a product on their own premises. This is a relatively low-cost method of entering international markets as a UK business does not need to invest in a new country. Also, there are lower distribution costs. Many brewers and soft drink manufacturers (e.g. Coca-Cola) do this. One advantage can be that the manufacturing company (licensee) will have no trade barriers. However, a licensee could, in the future, use what it has learned from the licensor's process to recreate its own version of the product, which could lead to a loss of competitive advantage for the licensor. Licensing is often seen as a quick way to enter international markets.

Case Study – Coca-Cola

Coca-Cola European partners has the licence to bottle for the Coca-Cola Company in Europe, including the UK, France, Germany, Portugal and Spain. In the UK they employ over 10,000 people and produce 97% of all Coca-Cola products.

Case Study – Fosters Lager

This is brewed under licence in the UK. 1.2 billion pilsners are brewed in Manchester. Fosters are actually drunk in Australia and other brands such as VB and Carlsberg are brewed in Scotland and Newcastle have bought the rights for the UK, giving them full control of the market. Heineken now have the European rights.

Source: <http://www.theguardian.com/business/2011/jun/21/fosters-lager-brewed-in-uk>

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Strategic alliance / joint venture

This is where two companies combine to create a separate business/product. A business, with two companies or more owning a share of it, whereas a joint venture project. In this way, companies can pool resources such as technology, expertise and distribution. However, this combination can lead to conflict due to different objectives. If entering international markets, they share the profits too. It encourages innovation for growth as well as economies of scale.

Direct investment

This involves a business setting up production in the target country and is usually owned by the business. There are many advantages to doing this such as avoiding import duties, reducing distribution costs and gaining greater access to raw materials. It also enables the business to tailor products to the customer and ensure products are more specific to the customers' needs. However, there are significant costs associated with the set-up, including rent and salaries. Good examples of this.

Direct investment can come in two forms: through organic growth – where a business sets up new international factories, offices, warehouses, etc. – or through external growth.

Multinational companies (MNCs)

Multinational businesses have factories/production in more than one country. They provide jobs, improve the skills of the workforce and increase tax revenue. They also benefit the consumer.

However, there are some criticisms of MNC's. In the UK, Amazon, Facebook and Google have been criticised for the lack of Corporation tax paid. Other have been criticised for employing local workers, rather than local workers.

Factors to consider when deciding which method is best

When deciding which method to use, businesses will need to consider internal factors such as the business's objective, the nature of the product, whether they have the skills and experience to do it, and, perhaps most importantly, cost. Some methods involve losing some control over price or quality.

External factors include the potential size of the market, the availability of the raw materials, suppliers, the competition and PEST factors. ASOS, the online fashion website, has expanded into China. It has been unable to respond to local preferences and has faced strong competition from e-commerce provider Alibaba. Also, the Chinese economy has not grown at the expected rate, so ASOS decided to merely export using their existing website.

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3.9.3f Questions

Amazon and Morrisons have entered into an alliance where food will be available online. Amazon is the world's largest online retailer and Morrisons is the UK's fourth largest supermarket and has not fully engaged in e-commerce.

'The combination of our fresh food expertise with Amazon's online and logistics capabilities is a powerful one', said Morrisons' chief executive David Potts. 'This is a low-risk and capital light partnership that demonstrates the opportunity we have to become a broader business. We will continue to work with Amazon to develop and grow this partnership over the coming months.'

✓ <http://www.morrisons-corporate.com/media-centre/corporate-news/morrisons-amazon-alliance>

1. What are the strengths and weaknesses of each business?
2. What are the likely motives for each business for this potential alliance?
3. Analyse the impact on rivals.
4. Which method of entering international markets do you think is most risky?
5. How might a business minimise the level of risk?
6. Simpers Ltd has been manufacturing dental products profitably in the UK for 20 years. The company supplies dental practices and hospitals. However, sales are not rising as quickly as the director, Angela, has been looking at expansion abroad by opening an overseas operation in Eastern Europe.

Discuss whether Simpers should open an overseas operation.

3.9.3f Research tasks

1. Find a business that exports. Prepare a brief including background of business, strengths and drawbacks of the business.
2. Compare and contrast the use of sales agents and distributors as alternative methods of entering international markets.

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Managing international business



Key Points Covered

- Centralisation and decentralisation
- Differentiation
- Local response
- Cost reduction

There are a number of challenges facing businesses operating internationally. One is to keep average costs low through economies of scale. However, different markets therefore, businesses have to provide different products. Some businesses control office locations to ensure consistency in terms of decision-making and strategy, differentiate themselves easily, not just in terms of the product, but in terms of operating channels, legal and political demands in specific countries.

International strategy

These businesses tend to be highly centralised. No great benefit from global economies of scale. These businesses also do not need to differentiate their products for specific markets either. While McDonald's will produce local varieties of their burgers (for example vegetarians in India means McDonald's menu is substantially different), the products and other aspects of the business are controlled centrally. Printing and publishing often use this strategy.

Multidomestic strategy

These companies will often develop differentiated products because of the different requirements of the markets they operate in. They are usually decentralised so that managers in different countries will launch products that suit the market they operate in. They might not benefit as much from economies of scale and, due to their decentralised structure, they may lack consistency in their range of products, marketing and quality. Unilever used this strategy as they were not able to compete with their great rival Procter & Gamble in the soap and marketing. However, a benefit of this model is that they are responsive to local markets and provides a localised service. For example, many countries, based on different musical tastes, have their own versions of pop music.

Global strategy

Cost pressure is high with this strategy. These companies will aim to be cost leaders and benefit from economies of scale with a focus of efficiency. They will also be highly centralised and produce the same products across all markets with little or no customisation. They will tend to operate in to-business industries rather than consumer goods. Steel production, for example, is a global industry. Large manufacturers such as Nissan and Toyota will tend to use different cars for different markets but will benefit from a global production system. Industrial chemicals are often associated with this strategy.

Transnational strategy

These organisations have high cost pressures and also high pressure for local responsiveness. They share a shared framework, so, while largely decentralised, the organisation will share products and learn from each part of the business. The computer industry and the car industry often use this strategy. Large manufacturers such as Nissan and Toyota will tend to use different cars for different markets but will benefit from a global production system.

Should a business produce standard or custom products?

It depends! By differentiating a product(s), cost increases. This is because of the extra costs of research and development, marketing and production. The methods for producing a product will depend on the objectives of the business, what resources are available, the competitive environment, customer expectations and the nature of the product.

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Case Study – Ikea

Ikea has created different products for its Chinese market to reflect not only the different needs of apartment-based living in Chinese cities. It also has a strategy, aiming Ikea more at aspiring middle classes, rather than the mass market. This strategy for customisation has enabled them to enter the Chinese market.

Case Study – Rolls-Royce Cars

Rolls-Royce continue to lead the world in the luxury car market. Many of the although production takes place in Goodwood in the UK. The company is proud to prides itself on its 'Britishness' which is a strong selling point in foreign markets. USA although the Middle East is a growing market with Abu Dhabi having the last three years. China is also a critical market for the firm. Rolls-Royce encourage cars with many customers spending thousands extra on each car. It prides its components and assembly.

3.9.3g Questions

1. Highly centralised, little differentiation. Which strategy?
2. Explain why Tesco might adopt a multidomestic strategy if entering the

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3.9.4. Assessing Greater Use of Digital Technology

The pressures to adopt digital technology

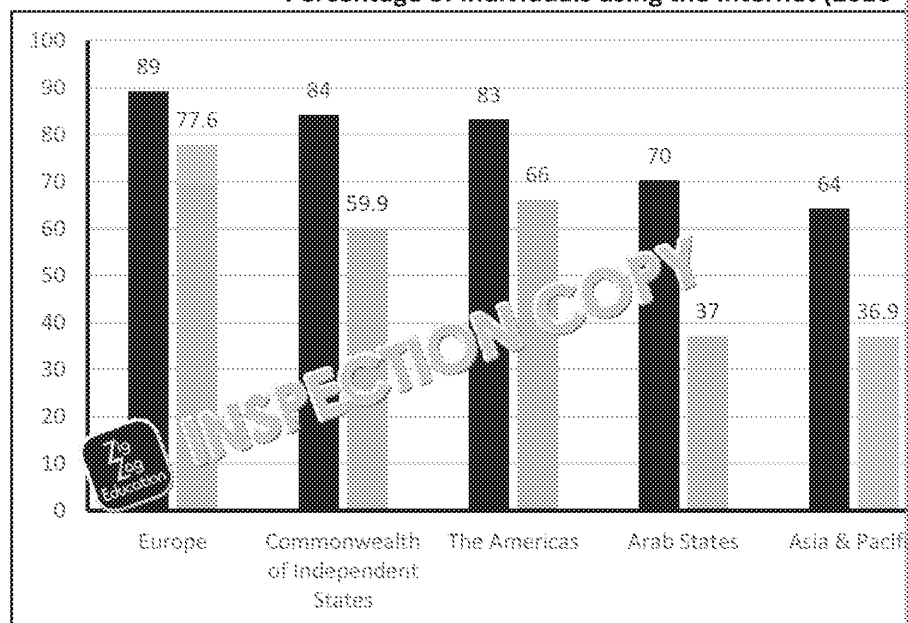


Key Points Covered

- Digital technologies that affect businesses, including:
 - automation
 - Big data
 - E-commerce
 - Data mining
- Pressures to adopt digital technology

The availability of new technology – in particular the Internet – has changed the world. Consumers can now sit at a desk or on the sofa (or even lie in bed!) and click a mouse or by using their tablet, phone or smart TV. The numbers of consumers grow – and emerging markets such as Asia and Africa become a new marketplace. This explosion in the use of the Internet has put pressure on many traditional businesses and take their business to the consumer rather than the consumer to the business.

Percentage of individuals using the Internet (2016–2017)



Retail has had to adapt to this change as the traditional bricks-and-mortar shop has been replaced by online e-commerce stores open 24 hours a day online. The level of stock and variety is not the same physical restriction imposed as with a high-street store.

Key term

E-commerce: commercial transactions conducted electronically on the Internet

Staffing is affected as the online portal replaces the sales assistant and money exchange.

All of this has allowed businesses to cut down costs, which can then be passed on to consumers, helping businesses gain future sales. The reduction in physical costs (e.g. lighting) has meant that more firms can afford to start an online store – enabling them to offer a wider range of products and services.

The digital consumer is more savvy than ever before. They are able to use price comparison tools to find their preferred supplier and review products using the hundreds of online customer reviews. It is more affordable for a business to sell its goods, but the potential for competition is also greater.

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


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There are also market leaders in the online retail space such as Amazon. Originally Amazon has since long overtaken the corporate giant Walmart in terms of its online sales. Walmart is the leader in bricks-and-mortar retail but its e-commerce lags behind Amazon. Walmart's online sales in 2022 were around \$73 billion² which equates to just thirteen per cent of its \$573 billion in total sales. In comparison, Amazon's sales hit \$514 billion last year, including its web service division. Amazon acquired the web retailer company Jet.com Inc in what was then the largest ever acquisition of a start-up. It was an attempt to boost its web retail presence and stay competitive. The acquisition did not yield results, leading to Jet.com being shut down in 2021.

The pace of change of digital technology is fast and some companies will fail to keep up. However, many companies often benefit from economies of scale, interestingly the uptake of digital technology is most often in smaller companies and new start-ups. The balance is between agile companies that can adapt faster and implement digital technology more quickly than larger companies with a greater number of stakeholders to bring on board.

Useful references and sources on e-commerce

-  <https://www.shopify.co.uk/>
-  <http://www.startupdonut.co.uk/set-up-a-business/starting-an-online-business>
-  <http://ecommerce-platforms.com/articles/online-business-vs-offline>

Types of digital technologies affecting business

The twenty-first century is often referred to as the information age and if information is important then data is now even more crucial than ever for business success. Many companies feel the pressure to use digital technologies because their competitors seem to always be one step ahead of them. This is often due to the digital smart competition making effective use of data to target their audience and reach their potential markets in a very laser-focused fashion.

Key terms

Automation: the technology for replacement of human labour by mechanical or electronic systems.

Big data: very large data sets that may be analysed computationally to reveal and analyse patterns, trends, and associations, especially relating to human behaviour and interactions.

Data mining: taking large batches of raw data and, through the use of software, extracting useful information from it. The software identifies patterns of data which can then be used to develop strategies that target groups of customer characteristics and behaviours.

Automation has become an increasingly notable feature of the modern business. As automated systems have become more powerful, they have been able to perform increasing tasks. At the same time the costs involved in setting up automated systems have fallen. Automation can save costs in the long run but usually involves high upfront costs, making it a more attractive option for larger businesses.

Using big data and data mining a company can identify things happening in the digital world. For example, which products are mostly likely to be on Facebook or Twitter, or which celebrity stories get the most attention. However, it can also help with 'real world' consumer buying patterns such as time to book restaurant tables or order clothes. Google already routinely shows how many people visit different times of the day based on their location data.

Data mining is a useful marketing tool as it helps shape marketing strategy for companies. It has helped failed marketing campaigns, leading to greater efficiency. This use of big data allows companies to know where and when to advertise directly to their target market.

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² <https://www.wsj.com/articles/wal-mart-to-acquire-jet-com-for-3-3-billion-in-cash-stock-1470659763>

Case Study – Pokémon Go

A fascinating use of this big data approach was seen in the phenomenon that the summer of 2016.

Implication of this augmented reality digital technology use for business – slides
<http://www.slideshare.net/LHBSC/case-study-pokemon-go>

Read the case study extract below and think about how this digital technology

Extract: Pokémon Go case study

‘Pokémon Go combines multiple layers of data to provide an engaging and effective experience for instance:

- **Geolocation:** the marina next to my office is swamped with water-type Pokémon for various reasons; Pokémon appear mostly in environments that suit their characteristics
- **Time:** late at night, the ghost-types and fairy-types are much more prevalent
- **User-specific information:** the higher the level of a player’s avatar has, the more powerful the Pokémon that player will encounter, and as a player levels up they will be able to catch (even a CP10 Pidgey...)

Combining this data, and countless other vast amounts of information, allows Pokémon Go to tailor the experience to each user. Businesses can use this technique to provide accurate targeted messages to customers based on a variety of metrics, including but not limited to location, shopping behaviour and weather conditions.

From a data collection perspective, Pokémon Go is a powerful infrastructure built on top of existing infrastructure in real-time, where millions of real people are moving around the world. Along the way, they spend time, and many users sign into Pokémon Go using their Google account... this location data is then linked with the wealth of information Google already holds on these people.

This augmented reality information may include basic stats such as name, age and gender, and data such as the kinds of websites you visit and how much time you spend on them. This information is a very powerful tool indeed. Depending on how vigilant an individual is about the data they allow Google access to, a very detailed profile can be created.

Aside from any data protection issues here, this is a massive marketing research tool. If this data is already available, companies would surely be seeking new and, importantly, more effective ways to reach their target market.’

Source: <http://www.i-vere.com/blog/post/9526339/big-data>

3.9.4a Questions

1. Read the Forbes article

<http://www.forbes.com/sites/gregpeterson/2016/08/25/amazon-vs-wal-mart/#64c9e93e18d9>

What are three key issues that the smart start-up needs to address in order to be competitive?

2. Give three reasons for and three reasons against a start-up choosing to OMO (Online-Multi-Offline) or a brick-and-mortar business? (use sources from above to help)

Present your findings in a table – advantages/disadvantages to solely online business.

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The value of digital technology



Key Points Covered

- The value of digital technology for businesses

How do you measure the value of digital technology?

Value can be a subjective term which is not always useful for a business under pressure. When assessing the usefulness of implementing a digital programme, a company may look at the return on investment. Measuring the ROI takes into account negative as well as positive returns. A measure is the value of each customer transaction and the lifetime value of a customer.

Those larger organisations who are coming to the digital table late are already using various systems, e.g. using Excel spreadsheets, which may be a use of IT but are not a fully integrated accounting and database CRM software.

Key term:

CRM, Customer Relationship Management: is a strategy for managing all of a company's interactions with customers and potential customers. It can include, but is not limited to, all points of contact customers have with a company. From enquiries to social media, sales, refunds and reorders, it can also be used as a communication and connection tool.

Smaller, leaner start-ups often start their company life with digital technology in mind, rather than some of their larger competitors.

To measure the value of digital technology a company needs to set its digital objectives. First, establish a benchmark for the return on any existing systems they are using first, then measure improvement.

Areas to measure ROI in a digital plan

Marketing is a matter of focusing on the value of each and ongoing customer relationships. Example: Facebook advertising. This is a huge growth area in marketing budgets for companies and the cost of this advertising has seen a significant rise as demand has grown and gathered more and more data on its users. Companies need to know if social media has a tangible return. The soft returns are the public relations and branding through social media. However, companies that have analysed their ROI and effectively use big data to target potential customers see social media as having a positive ROI.

Facebook certainly holds one of the largest customer databases in the world and its user data and demographics inform any company's advertising on that platform.

Find out more

For statistics on the ROI of social media see the infographic courtesy of <http://www.salesforlife.com/blog/the-roi-of-social-selling-5-data-driven-statistics>

The value of digital technology falls into one of two key areas: does it increase revenue or reduce operational costs for the company?

Marketing and sales focus on increasing revenue but other digital technologies focus on reducing operational costs.

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The value of digital technology in improving business processes

CAD/CAM technology is probably the most common and earliest use of digital technology in industry. This is the technology of robots making cars and computerised engineering, which is familiar with. Digital technology is more appropriate in the design element but the humans (with their tendency to make errors) with machines (which can be programmed) in the digital revolution.

Key terms

CAD: computer aided design

CAM: computer aided manufacturing

Key term

Millennial person reaching young adulthood around the year 2000.

However, in the twenty-first century digital technology has moved from the mainframe to the smartphone. Business is literally in the palm of their customer's hand. This shifts the perception of value to the consumer's idea of what is value? The increasing buying power has forced many companies to adopt a digital presence and accessibility for fear of loss of market share.

The millennial generation are digitally smart and the generation most likely to use digital technology. They will be cultivated by marketing as they grew up during the marketing explosion and are a generation that will take advice and recommendations from friends over products. They are most likely to 'Google it' and YouTube it' when figuring out how to find out something or how something works.

Digital value to this generation is a joined-up process where, with a tap of the screen, they can get what they want in as few steps as possible. This is the challenge for business to create an interactive experience.

For a business, this joined-up process can add value to their internal processes by constantly forcing business to improve efficiency.

Cost reduction potential of digital technology

There is an old IT saying from the 1980s coined by computer designers – GIGO – the value of any digital technology is compromised by the information going in at the input. Digital technology will not turn inaccurate information into useful data.

Where it can significantly add value to a business is in consistency of information. A company can, over time, accurately measure trends in customer behaviour; compare products and impact of changes made to designs and/or pricing choices.

It can also be used to model potential changes without the costly expense of physical prototypes.

The greatest perceived value of implementing a digital policy in a company is the strategy to reduce time spent on mundane tasks and thereby increase the return on investment. Technologies that are more efficient than human beings. However, this is not the only value of the digital framework in business; it minimises the opportunity to use digital technology to improve the business.

Specific areas of a business can reduce costs by implementing digital technologies (see section). To assess the value of digital technology a company needs to revisit its business model more than simply operational. Companies at the forefront of digital technology are doing it in a totally different way.


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Google, for example, constantly push the boundaries of what digital technology can do, offering services as lifestyle services, evolving and changing as people's work-life connections change. Google started as a search engine but now Google are aggressively competing in business services, such as set up with marketing, administration, analytics, web development and education.

Find out more

A snapshot of how Google has evolved:

 <https://youtu.be/olFEpeMwgHk>


A key moment in this video is when they say 'How can we help you get this possible?' (1:30)

This is a powerful question that shows that Google understands the value of digital technology. While taking steps in a process makes economic sense but it is also great marketing and shows a customer's desire for ease and simplicity even if the underlying technology is complex.

'Traditional' business may feel uncomfortable under the pressure to adopt digital technology, moving them further away from their customers and away from face-to-face interaction. However, plenty of companies who manage the balance between a personalised service and digital technology.

Uber is a classic example of a company who did not just tweak the experience of existing services; it did it largely due to very smart use of digital technology. The result: a new experience from start to finish that has a very high perceived value. For Uber, unlike traditional taxis, the barriers to competition by not just providing a better service than existing taxis but also changing the service – the result is a niche San Francisco company founded in 2009, valued at \$62.5 billion in 2016. One of the keys to their success is to adopt a local market and expand into it. They are acutely aware of local demographics and tailor their experience to the market. In respect, they are very close to their intended customer despite using such an array of digital technology.

Further reading

 <http://www.fortune.cnn.com/2012/02/02/the-trials-of-uber/>

3.9.4b Mathematical Teaser

1. Work out the ROI

Investment: £3,500 on Facebook adverts

In the month that the advert runs:

22,500 people see the advert

900 potential customers click on the advert

60% of those potential customers sign up for a free offer and become subscribers

15% of those subscribers buy a £12.50 product

Another 5% of those subscribers then buy a £15.00 product

Over a year, of the customers who signed up – 30% unsubscribe and 20% return to the company's products.

- Was this a good online investment in advertising spend?
- What is the per customer transaction value and the customer lifetime value?
- What is the return on investment of each pound spent on the campaign?

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3.9.4b Question

Read the extract from the case study on Uber and answer the question below.

Case study extract: Uber and its growth

'How did Uber do it? As a multi-sided marketplace business model, how did it solve the problem that so many marketplace startups struggle with? Much like Belly, it sought to create local network effects in their launch city, San Francisco, while fuelled through targeting of the early adopting 3.0 / 4.0 techset.

Uber is completely changing the way getting private transportation is done. It's a smartphone app integrated with Google maps so that you can see how far away a car is, meet it on the screen, and hail a car to meet you there. You can even see the car's location (including the driver's name) as you watch the car get closer to your location.

Uber drivers call or text to confirm that they're on the way, giving you peace of mind. Once your car arrives (usually within a few minutes), the driver greets you. The cars are black cars and SUVs. Uber X, a lower cost version of the service, uses maintained sedans.

Once you arrive at your destination, the app charges your card, and you're free to go. There's no need to deal with cash, change, tips, or receipts. You just hop out. Uber has removed the friction from the typical taxi cab transaction, and made it highly enjoyable.

Uber provides a solution to a real problem that impacts millions of people. It has disrupted the monopoly of taxi cab transportation that exists in many cities from top to bottom.

Among the many problems Uber is tackling are poor cab infrastructure in some cities, lack of fulfilment – including dirty cabs, poor customer experience, late cars, drivers, and more.

Uber sought to reimagine the entire experience to make it seamless and enjoyable. It didn't fix one aspect of the system (e.g. mobile payments for the existing taxi system). It fixed the whole experience from mobile hailing, seamless payments, better cars, to no waiting.

Source: <https://groww.co>

1. Identify the value of the digital technology Uber uses that has created the

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Answers

3.9.1a

1. A business may choose to grow for a number of reasons, including economies of scale, to increase its market share, to improve its competitiveness, to spread the risk of failure, or to fulfil its ambitions.
2. Students can explain several methods for the business, including finding new customers, developing new products, devising new ways in which to market the products and finding new locations.

Each of these options could mean the business create more interest in its goods, or secure more market power for itself. IKEA may then react by agreeing to negotiate with the business, or the need to diversify, increase promotion and/or negotiate with the business.

3.9.1b

1. A business may choose to grow for a number of reasons, including economies of scale, to increase its market share, to improve its competitiveness, to spread the risk of failure, or to fulfil its ambitions.
2. A merger involves two or more businesses agreeing to join together and operate as one company. A takeover involves one business buying sufficient ownership in another business to take control of its running.
3. A business could engage in forward vertical integration, which involves merging with a business at a later stage of production. Backward vertical integration involves a business merging with a business at an earlier stage of production.
4. Students should note that there could be tactical and strategic reasons for this decision. For example, to increase market share of each business, gaining ownership of intellectual property, expanding into new markets, increasing profitability.

3.9.1c

1. Possible pitfalls include diseconomies of scale (demand in the other cities may not be as high as the company has to pay for), internal communication (as the company expands, it may become more difficult to put between staff members) and overtrading (it is risky to provide for the demand that is likely to arise once it opens more locations). It should also consider whether it has the funds available for expansion and how much it would need to invest.

3.9.2

1. Product innovation means innovation in the product itself, whereas process innovation means innovation in the ways to produce or market the product, or in some of the business's other methods.
2. Students should include reference to the need to maintain competitive advantage. They may discuss long-term investment payback versus the short-term gain to invest. They may reference increased share value as a benefit of this strategy to investors. They may discuss costs through process innovation, or opening up new markets and opportunities for development.

3.9.3a

1. Relaxation of trade barriers (tariffs and quotas), increased international trade and communication.
2. A business may access the benefits of globalisation through expanding into new markets, locating activities overseas, outsourcing, embarking on a joint venture with a business in a new market or merging with a business in a market they wish to enter.
3. Larger market base, reduction in trade barriers, encourages efficiency, can source materials more cheaply.
4. Increased competition, countries may still put their national interests before the interests of the business.

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3.9.3b

1. Brazil, Russia, India, China, South Africa
2. Any three from: Purchasing (monopsony power), managerial, technical (product development), financial (capital/funding)

3.9.3c

1. The new market may have different wants, needs and tastes from an existing market. Market research could be needed in order to understand the new market. It is a lower risk market. A business would usually be producing a different product as in their domestic country. This suggests alterations and adaptation to their products/services, the strategy to enter the market.
2. They are geographically huge which creates distribution problems. They have different working practices and customs to the UK, as well as different legal and procedural requirements and trade barriers in place.

3.9.3d**JCB**

1. Difficulty and cost in transporting completed goods due to their bulk. May benefit from local materials, and cheaper location costs.
2. Recruiting skilled labour force, different cultural issues such as language, and different business practices.

Frog

1. Outline the main reasons why Frog Bikes have reshored production.
2. Explain why Adidas have chosen to re-shore production.

3.9.3e

1. Having a six-week lead time could lead to expiring shelves if there is a slight increase in demand. This could lead to lost sales opportunities if customer requirements change before the goods arrive. It will be too slow to react, which could mean a rival retailer gains market share.

3.9.3f**Amazon and Morrisons**

1. Morrisons already have a good market share in the UK grocery sector. They have experience and the knowledge of running a successful grocery business. However, they do not have e-commerce and delivery. They are behind the main competitors such as Tesco and Amazon. Amazon have huge success in logistics and delivery. However, they do not have a strong presence in the UK.
2. The likely motives are that each business can benefit from the other, without investing in their own business. Amazon will have a ready-made supply chain of products. Morrisons are developing an e-commerce system and it will be ready to go much more quickly than their own.
3. Tesco have first-mover advantage and have the highest market share in terms of sales. Amazon have developed a globally successful logistics system which could improve their service to customers. This could lead to Morrisons/Amazon taking market share away from Tesco. Customers are to the likes of Sainsbury's and Tesco.
4. Direct investment is usually seen as a high risk. This is often because of the extensive costs of setting up a new operation. This could involve a factory with expensive machinery and equipment. Employees need to be recruited and trained. However, this all depends on potential for growth. The business is in a position to take a calculated risk.
5. It could conduct extensive market research to find out about the market and competition. They could have a detailed business plan, conducting investment appraisal and forecasting. They could have a 'change' management staff.

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6.

Mark Scheme	
A01 marks	Knowledge and understanding of relevant issues such as methods, markets and reasons for doing so.
A02 marks	Applied to the context of B2B, specialist product, ltd company Eastern Europe.
A03 marks	Analysis of the benefits/drawbacks of opening an overseas operation.
A04 marks	Decision based on a rational context.

For –

- Better relationships with customers
- Potential for further expansion into other countries
- Control over quality
- New target market
- Provide aftersales service

Against –

- More expensive in terms of admin, infrastructure, management
- Different laws, cultures, practice as outside of EU
- May need specialist workforce

Evaluation –

- What else could they do?
 - Export from UK, license their products, appoint an agent.
- Level of risk, market research, experience of staff, competition, economy of
- The most important factor is...
- In the long term / short term...
- Do the advantages outweigh the disadvantages?
- Justified decision

Model answer

Simpers Ltd may have feared that the UK market is saturated and the slow growth figures expanding in the short term. However, the business could expand and would have the possibility of being successful. Expanding into Eastern Europe would lead to them benefiting further from economies of scale which having their own operation they would ensure they kept control over important matters. This means the brand is not diminished, and customer service, leading to repeat business in the business-to-business market. Perhaps most important is ensuring the quality of the product.

However, expanding into Eastern Europe may lead to problems such as legal and employment issues. In the EU there are different rules and regulations. This could lead to a lot of time and effort. Opening a new manufacturing plant will also be very expensive in terms of infrastructure. This will increase their costs in the short term, leading to a fall in profit.

Simpers Ltd need to consider whether they can afford the risk. If the business is in a position to be able to afford the risk. We don't know what the competition is like in the Eastern Europe market looking at and we have no forecasted figures to help them decide. A less risky proposal would be to export products. A licensee may have local knowledge and specialist knowledge of the market. Local knowledge of suppliers. This method of expansion would also save time and money, leading to an increase in the profit.

3.9.3g

1. Global strategy
2. It will be difficult to provide localised products, whereas the pressure for global products. The Brazilian market will be very different to the UK market. There should be a manager who makes decisions to ensure Tesco can compete with local rivals.

3.9.3h

1. Quality the production line and manufacture of the shoes may be affected
Economies of scale depending on the size of the production plant
Suppliers may have difficulty in finding the right supplies

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3.9.4a

1. Detailed explanation of points below:

- Better management and understanding of customers through data
- Intuitive and responsive supply chain that responds to customer needs
- Innovation in a new market – mobile / virtual reality, etc.

2. Any three answers from below:

Advantages of online business	Disadvantages
<ul style="list-style-type: none"> • Savings in physical costs and overheads – explain in detail • Market reach – not limited to local population – explain why you might want to reach a larger geographical area • Simplicity and speed of start-up. Explain what is required for online success vs offline set-up. • Can reach customers 24/7 across all time zones • Direct contact with customers via social media and email • Access to consumers that competition of offline business cannot reach • Relatively easy to scale up as infrastructure established from the start 	<ul style="list-style-type: none"> • Hidden costs of operation can become more complex • Shipping costs of products and supply chain can be difficult to manage • Trust factor – how does lack of physical presence affect customer service? • What pressure does this put on customer service? • Expectation of instant gratification and high visibility • Greater competition and improved up-to-date information • Cyber security and data protection

3.9.4b

1. ROI exercise

Cost: £3,500
 Return – subscribers in first month = 540
 Buyers in first month $81 \times £12.50 = £1,012.50$
 Plus $27 \times £15.00 = £405.00$
 Plus, over a year $108 \times £25.00 = £2,700.00$
 Total revenue = £4,117.50

NB this does not take into account the cost of marketing personnel, it is simply a

Per customer average transaction value – first month £13.12

Total customer transactions over a year = 216 and value of transaction = £19.06

ACTUAL profit from campaign without factoring marketing personnel costs = £8

However, the company now has 216 customers and potentially 540 customers to

Each £1.00 invested in the campaign gave a return of £1.17

Discuss – is this good enough?

2. Uber case study

Use of apps – how that cuts down time for the customer and the company

Use of maps – how that makes arrival times efficient and helps the customer to

Charges your card so no need for cash or change – added security for the driver
 often mugged for the money in their cabs

Launching in the right location – with tech-savvy early adopters

Digital media spread the word

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