3 **(a)** Define the term *labour productivity*. [2]

(b) Explain **one** way that a business can improve labour productivity. [3]

A-Level Business: **w25 22**

2 **Law Advice Forum (LAF)**

Drake has a law degree and works for a partnership of lawyers during the day. Drake owns a website that gives free legal advice. He works on the website in the evenings and at the weekend.

He started the website as a hobby, but the website has grown to over 20 000 users and he now sells advertising on his videos and on the website.

Drake uses outsourcing for some areas of his website. He has recently been sent a report showing variances in the budget from the previous month (see Table 2.1).

Table 2.1 Budget report for Drake's website in the previous month

	Budget	Actual
Total revenue	$4500	$4000
Total costs	$600	$750
Profit	$3900	$3250

Drake has now left his job and is focusing full time on the website. He rebranded the website as Law Advice Forum (LAF). Drake's business plan for LAF included:

- Operating as a sole trader.
- Continuing to develop and expand the website to provide legal advice and paid legal services.
- Renting an office in city G where all employees would work.
- Hiring five fully qualified lawyers.
- Hiring three administrators.
- Leasing IT equipment.

However, Drake is concerned about the limitations LAF will face as a labour intensive operation.

(a) **(i)** Identify **one** external stakeholder of a business partnership. [1]

(ii) Explain the term *outsourcing*. [3]

(b) **(i)** Refer to Table 2.1. Calculate the profit variance for Drake's website in the previous month. State whether the variance is favourable or adverse. [3]

(ii) Explain **one** way Drake could use the budget data in Table 2.1. [3]

(c) Analyse **two** possible limitations for LAF as a labour intensive operation. [8]

(d) Evaluate the most important responsibility that Drake has as the owner of LAF. [12]

1 Solar Farms (SF)

SF is a private limited company that develops and maintains large-scale solar farms in country X. SF operates as a capital intensive business.

Bob is an entrepreneur and the majority shareholder of SF. He invested into SF's first solar farm. SF took out high-interest bank loans to cover initial cash flow problems and provide working capital. SF used internal (organic) growth over the next 10 years.

SF rents fields from farmers. Its main capital expenditure is solar panels, which are installed on the rented fields. The solar panels generate electricity, which SF sells to energy providers. Solar panel technology is constantly improving.

SF operates five solar farms in country X. A team of seven engineers maintain all of SF's solar farms.

Table 1.1 shows SF's budgeted and actual data for 2024.

Table 1.1 SF's annual budgeted and actual data for 2024

	Budget ($m)	Actual ($m)
Revenue	5	4
Total costs	3	3.75
Profit	2	0.25

Bob has identified that SF can increase its revenue by using batteries to store electricity generated by the solar panels. This electricity can then be sold at peak times for premium prices. This will require significant investment into battery technology.

Bob wants to retain control of SF but is concerned about the investment required for further growth. In 2024 the cost of renting new farmland and purchasing solar panels increased significantly.

ZB is a multinational battery manufacturer that is keen to start a joint venture with SF. If the joint venture goes ahead, ZB will insist that SF uses ZB batteries in all future solar farms.

(a) **(i)** Identify **one** quality an entrepreneur needs for success. [1]

(ii) Explain the term *working capital*. [3]

(b) **(i)** Refer to Table 1.1. Calculate the profit variance for SF in 2024. State whether the variance is favourable or adverse. [3]

(ii) Explain **one** drawback to SF of using budgets. [3]

(c) Analyse **two** limitations to SF of operating as a capital intensive business. [8]

(d) Evaluate whether a joint venture is the most appropriate way for SF to grow. [12]

3 **(a)** Define the term *capital intensive operations*. [2]

(b) Explain **one** limitation to a business of labour intensive operations. [3]

A-Level Business: **s25 22**

1 Town Trucks (TT)

TT is a private limited company in country J. TT has contracts to deliver products to secondary, tertiary and quaternary sector businesses.

QZ is one of the largest manufacturers in country J and plans to outsource its supply chain management. A contract has been agreed between TT and QZ based on the following cost and revenue data (see Table 1.1). TT's Sales Manager has forecast that TT will make 5000 deliveries with the new contract.

Table 1.1 Cost and revenue forecast for the QZ contract

	$
Direct costs (average per delivery)	5
Total indirect costs	9000
Total revenue	40000

TT employs 120 drivers. The majority of these drivers are white men aged between 40 and 60. A national newspaper has recently criticised the truck industry in country J for not having diversity and equality in the workplace.

Klide, the Marketing Manager, has been set an objective to increase TT's revenue. He has decided to target small online retailers. TT will pick up individual products from the small online retailers and deliver them to households. This would require a new fleet of smaller trucks but has the potential to increase TT's revenue. Klide plans to use digital promotion to target these small online retailers.

(a) **(i)** Identify **one** business activity within the quaternary sector. [1]

(ii) Explain the term *supply chain management*. [3]

(b) **(i)** Refer to Table 1.1 and other information. Calculate TT's forecast total profit from the QZ contract. [3]

(ii) Explain **one** reason why TT needs accurate cost information. [3]

(c) Analyse **two** advantages to TT of improving diversity and equality in the workplace. [8]

(d) Evaluate the usefulness of digital promotion to TT when targeting small online retailers. [12]

2 **(a)** Define the term ‘sustainability’. [2]

(b) Explain **one** reason why a manufacturing business might take measures to improve the sustainability of its operations. [3]