

The envelope, which contained this paper, will have been cut open in front of you

Examination Details:

Paper Title:	June 2025 Series P2 (Passenger Transport) Case Study
Paper No:	PCS0625S
Date of Examination:	6th June 2025 1300 - 1515

Time allowed: 2 hours 15 minutes

You must have:

- This case study.
- A question/answer booklet.

You may use:

- A calculator.
- A dictionary.
- Any permitted written materials.

Instructions:

- Use the case study information to answer all the questions.
- Write your answer to each question in the space provided in the question/answer booklet. If you need extra space, use the lined page(s) at the end of the question/answer booklet. The question numbers must be clearly shown.
- Additional paper may be used if required but you must clearly show your name, date of birth and question number(s).
- Answer all the questions.

Information:

- The total mark for this paper is 60.
- The marks for each question are shown in brackets () in the question/answer booklet.

This document has 4 pages

Ref: PCS0625S

© Skills and Education Group Awards is a company limited by guarantee registered in England No. 04117784 and a registered charity in England and Wales No. 1086947. Registered office: Robins Wood House, Robins Wood Road, Nottingham, NG8 3NH.

Background

Walvingham Local Transport Ltd (WLT) was recently granted a Standard National operator licence in the West Midlands Traffic Area, authorising vehicles at its leased operating centre adjacent to Walvingham Bus Station.

WLT will acquire enough second-hand 35-seat coaches to operate four local services. These services have been registered with the Traffic Commissioner. The vehicles will be maintained in a well-equipped workshop at the operating centre. Operations will be managed by the company's only shareholder, Ahmet Demir, who is also the nominated transport manager.

WLT's local services – to start operating in 11 weeks' time

Service W1A				Service W1B		
24 services per day, 263 days per year						
Headway: 35 minutes. Average speed 30 kph						
Layover at Bus Station before each run for 10 minutes						
From	To	Distance (km)		From	To	Distance (km)
Walvingham Bus station	Theatre Square	2.5		Walvingham Bus station	Theatre Square	2.5
Theatre Square	Archville Estate	3.5		Theatre Square	Chartham	4.0
Archville Estate	Branway Village	5.0		Chartham	Branway Village	6.5
Branway Village	Chartham	6.5		Branway Village	Archville Estate	5.0
Chartham	Dartown	4.0		Archville Estate	Theatre Square	3.5
Dartown	Theatre Square	6.0		Theatre Square	Walvingham Bus station	2.5
Theatre Square	Walvingham Bus station	2.5				
Service W2A				Service W2B		
26 services per day, 263 days per year						
Headway: 30 minutes. Average speed 30 kph						
Layover at Bus Station before each run for 10 minutes						
Walvingham Bus station	Theatre Square	2.5		Walvingham Bus station	Theatre Square	2.5
Theatre Square	East Village	6.0		Theatre Square	Georgeton	11.0
East Village	Furzon Street	7.0		Georgeton	Furzon Street	8.0
Furzon Street	Georgeton	8.0		Furzon Street	East Village	7.0
Georgeton	Hawthorns	8.0		East Village	Theatre Square	6.0
Hawthorns	Theatre Square	10.5		Theatre Square	Walvingham Bus station	2.5
Theatre Square	Walvingham Bus station	2.5				

Airport transfer service

Ahmet has negotiated an arrangement to supply 49-seat coaches to UK International Airways plc (UKIA) for transfer services between airports served by the airline. The vehicles will carry flight crew and other UKIA employees only. The services will start on the same day as the four local services and are expected to involve driving a total distance of 360,000 km in the first year (this includes an allowance for any additional driving for all vehicles).

The airport transfer services will require WLT to obtain enough 49-seat coaches to operate them. Some of the coaches will have to be based at a new operating centre to be leased close to London Central Airport, in the London & South East Traffic Area. These vehicles will be acquired on operating leases including maintenance. An external transport manager will be recruited to oversee any vehicles based at the new operating centre, contracted to work 5 hours per week.

Ahmet has collated the following information for these services, based on UKIA's requirements and WLT's company policies.

- There are to be four services each day, two in each direction of the route:
- Services 1 and 2
 - Collect passengers at West Midlands Airport, 5 minutes driving time from WLT's Walvingham operating centre. Passenger assistance to take 10 minutes.
 - Stop at London North Airport, 2 hours driving time from West Midlands Airport. Passenger assistance to take 15 minutes.
 - Stop at London Northwest Airport, 2 hours driving time from London North Airport. Passenger assistance to take 15 minutes.
 - Stop at London Central Airport, 40 minutes driving time from London Northwest Airport. Passenger assistance to take 10 minutes.
 - Drive empty to the new operating centre, 5 minutes driving time from London Central Airport.
- Services 3 and 4
 - These services will operate on the same route as services 1 and 2, visiting each stop in reverse order.
- Ahmet expects to use two single-manned vehicles to operate the services each day. One vehicle will operate services 1 and 3 and the other vehicle will operate services 4 and 2.
- Driver breaks on these services may only be taken at one of the designated stops. If necessary, the driver will only assist passengers for the scheduled duration after they have completed the break.
- Service 1 is to depart from West Midlands Airport at 07.00hrs.

Vehicle fuel

All vehicles are to be refueled from an on-site tank in Walvingham. WLT has contracted with a local diesel supplier to replenish the tank once every week. The supplier's driver will have unsupervised access to the tank and will provide a delivery note for each replenishment, detailing the number of litres supplied. Drivers will submit a written voucher for the number of litres drawn from the tank and it is the job of an accounts assistant to prepare a monthly reconciliation statement.

Ahmet is to prepare a budget for vehicle fuel, setting targets for the diesel used and its cost. He will look at the reading from the tank once a month so that he can compare the number of litres shown to be in stock with the quantity shown in the reconciliation statement.

Ahmet is to use a fuel price of £1.33 per litre (after recovering input VAT) for the year ahead. The four registered local services are eligible for a Bus Services Operator's Grant (BSOG), allowing WLT to recover 56 pence per litre for fuel used on these services.

Fuel consumption for the 35-seat coaches is expected to be 6kpl. The 49-seat coaches' fuel consumption is expected to be 5kpl.

WLT company policies

- Vehicles used on local services will be checked by workshop staff at the start of every day.
- Drivers working on the airport transfer services will be required to complete vehicle checks. They are to be allowed 25 minutes at the start of every day for these checks, paperwork and briefing.
- Drivers working on the airport transfer services will be required to assist passengers with loading and unloading at all stops.
- Drivers working on the airport transfer services must be eligible to take a reduced daily rest.
- All driver breaks are to be taken at the latest possible time, for the shortest possible period.

Question/Answer Booklet

The envelope, which contained this paper, will have been cut open in front of you.

Examination Details:

Paper Title:	June 2025 Series P2 (Passenger Transport) Case Study
Paper No:	PCS0625S
Date of Examination:	6th June 2025 1300 - 1515

Instructions to the candidate - to be read before the examination.

Time allowed: 2 hours 15 minutes

You must have:

- The case study.
- This question/answer booklet.

You may use:

- A calculator.
- A dictionary.
- Any permitted written materials.

Instructions:

- Use black ink.
- Complete your name below in capital letters and include your date of birth and signature.
- Complete centre name and candidate number
- Use the case study to answer all the questions.
- Write your answer to each question in the space provided. If you need extra space, use the lined page(s) at the end of this booklet. The question numbers must be clearly shown.
- Additional paper may be used if required but you must clearly show your name, date of birth and question number(s).
- Answer all the questions.
- Do all calculations and rough work on the following pages. Cross out any work you do not wish to have marked.

Information:

- The total mark for this paper is 60.
- The marks for each question are shown in brackets ().
- This document has 9 pages.
- Assessment material has been prepared in line with legislation current at the time of production. Any subsequent changes to legislation have not been taken into account, however, responses that refer to amended legislation will be credited.

To be signed by the candidate:

Candidate name:		Centre name:	
Candidate Date of birth:		Candidate registration number:	
Candidate signature:			

FOR EXAMINERS USE ONLY	
Q1	
Q2	
Q3	
Q4	
Q5	
Q6	
Total =	

1. Ahmet is to monitor fuel usage from the diesel tank at WLT's Walvingham operating centre, as described in the case study.

Outline **SIX** credible reasons why there may be an apparent shortfall in the fuel stock.

[6 marks]

2. WLT intends to operate an airport transfer service for UKIA, as described in the case study.

(a) Complete the table below to prepare a driver schedule for Service 1.

Your schedule must start when the driver begins work at the Walvingham operating centre and end when the vehicle arrives at the new operating centre near London Central Airport.

Notes: You **MUST** complete each column for each activity
Tachograph symbols are **NOT** acceptable
You **MUST** show the destination for all driving periods

Start time	Finish time	Activity description	Tachograph mode

[11 marks]

(b) State the minimum number of drivers required each day to operate all four airport transfer services.

.....
.....

[1 mark]

(c) Calculate the latest possible time that the vehicle may depart the new operating centre on Service 3.

Note: You **MUST** show all your workings.

.....
.....
.....
.....

[3 marks]
Page 3 of 9

3. WLT intends to operate an airport transfer service for UKIA, as described in the case study. This will require the company to set up an operating centre near London Central Airport.

Outline **SEVEN** actions that WLT should take as soon as possible to ensure that the proposed services are authorised by an appropriate operator licence.

Your answer should include submitting any documents and items of information that may be requested by the Traffic Commissioner.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

[7 marks]

4. WLT will operate four local services, as described in the case study. Ahmet intends that each vehicle will operate on only one of the routes on each day.

(a) Calculate the minimum number of buses required to operate each of the four local service routes each day and the resulting total number of buses required.

Note: You **MUST** show all your workings to two decimal places, always rounding up.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

[9 marks]

(b) Ahmet has not considered whether there might be an advantage to interworking the buses on the four local routes.

Calculate the minimum number of buses required to operate the four local service routes each day, if the buses are interworked across the routes.

Note: You **MUST** show all your workings.

.....

.....

.....

.....

.....

[2 marks]

Use the information provided in the case study to calculate the company's budget for fuel for its first year of operations, starting when the four local services and the airport transfer services begin operating.

You must show:

- You **MUST** show all your workings to two decimal places or to the nearest 1p.

This image shows a full page of white paper with horizontal dotted lines. The lines are evenly spaced and run across the width of the page, providing a guide for handwriting practice. There are no margins, text, or other markings on the page.

Page 6 of 9

6. The DVSA Guide to Maintaining Roadworthiness (The Guide) provides information about transport operators' and drivers' responsibilities. This includes recommendations for actions that operators should take with regard to their drivers' responsibilities.

Outline **TEN** actions that The Guide recommends WLT should take to ensure their drivers comply with its recommendations.

[illegible]

[10 marks]

ADDITIONAL ANSWER SPACE

If additional answer space is required, you should use the following lined page(s). The question number(s) must be clearly shown in the margin(s).

[illegible]

[illegible]