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Examination Details:

Paper Title:	December 2022 Series P2 (Passenger Transport) Case Study
Paper No:	CPCP21222
Date of Examination:	09/12/2022 13:00 - 15:15

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.
- 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.
- Covid-19: Candidates will not be questioned on any temporary rules introduced due to Covid-19. Answers that reflect such measures will not be credited.

Background

G.A. Transport Services Ltd (GA), based in Staines (Surrey) operates a mixed fleet of buses and coaches from its only operating centre on a large freehold site. Its Standard International operator licence in The London and South East of England Traffic Area authorises 20 vehicles. You are the only professionally qualified transport manager named on the operator licence.

GA's operations include private-hire for local businesses, coach holidays and inter-city services.

Their fleet currently comprises –

- 10 x 49-seat coaches
- 5 x 53-seat coaches
- 5 x 20-seat minicoaches

Some of the 49-seat coaches are due for replacement early this year.

Company Policies

- All drivers are scheduled time for a 15 minute walkaround check at the beginning of every day.
- UK Inter-city service route drivers only take breaks when legally required and no statutory breaks are taken en-route.
- UK Inter-city service route drivers always return to the point from which they started at the end of every day.
- All routes are always single-manned.
- Drivers on non UK service routes must take breaks as late as possible and for the shortest possible time.
- When preparing quotations and tenders, and when setting ticket prices, a 20% mark-up is added to all costs.
- GA depreciates its vehicles at 10% per annum.

Current Operations

GA currently operates a regular service between Staines and Exeter, making three journeys in each direction every day, (timetable below)

The distance Between Staines and Exeter is 280km and coaches average 70kph in each direction. The average speed takes account of loading and unloading time at the termini.

Depart Staines	Time		Depart Exeter	Time
Service E1	08.00		Service S1	08.30
Service E2	13.00		Service S2	13.00
Service E3	17.30		Service S3	18.00

These services are operated Monday to Friday, excluding bank holidays, every week throughout the year, (252 days per year), using a mixture of employed and agency drivers. The cost of regular use of agency drivers is a concern for you.

Last year, GA employed agency drivers on 85 days, at a total cost of £16,575.00

The agency drivers have been less careful than your employed drivers, resulting in an increase in damage to your vehicles. They have also shown less concern for passengers' luggage, which, although GA's conditions of carriage preclude any liability for damage to luggage, has resulted in a number of claims against the company.

Future Plans

The Staines-Exeter service has proved popular and you intend to continue that service, but plan to open an operating centre in Exeter, (in the Western Traffic Area), where you will base a standby coach to cover for any breakdowns or delays. You also intend to recruit at least one Exeter based driver onto your full-time staff, to reduce the need for agency drivers.

GA have run a successful programme of European coach holidays and with the benefit of drivers experienced in European work, you now intend to advertise some European city destinations on your inter-city service programme. In advance of this, you have initially researched some information for London to Paris and London to Brussels services. Each service will run twice weekly on 48 weeks a year. Both services will operate from and to London Victoria coach station. One way and return tickets will be offered.

You have decided to buy 3 new 60-seat coaches for these services. You will also replace 3 of your existing 49-seat coaches with new ones, early next year.

European Inter-City Service Information

Depart from	Arrive at	Distance (km)	Average Speed (kph)	Road Tolls per single journey (€)	Coach Parking (€ per night)
GA Staines Depot	London Victoria Coach Station	30	30	0	0
London Victoria Coach Station	Eurotunnel Terminal Cheriton	110	55	0	0
Eurotunnel Terminal Coquelles	Paris Madeleine Coach Station	292.5	90	67	65
	Brussels Central Station	225	90	0	90

- Loading passengers in Victoria coach station takes 1 hour (Driver not required to assist).
- Average speeds take account of coach boarding and alighting times at intermediate stops.
- Channel crossings will always use the 11.40hrs Le Shuttle departure from Cheriton.
- Check-in for Le Shuttle takes 30 minutes.
- Embarkation and disembarkation each take 20 minutes (to be counted as driving time).
- Le Shuttle crossing time is 40 minutes.
- Unloading in Paris will take 30 minutes.
- You will base your ticket prices on average passenger loading of 48 passengers travelling in each direction.
- The driver will stay overnight at each destination and operate the return service on the following day.

Coach Costing Data

Cost item	49-seat coach	60-seat coach
Purchase Price (per coach) (Excluding tyres)	£190,000	£245,000
Other standing costs excluding depreciation (£ per coach per day)	£140.00	£160.00
Maintenance cost per km.	£0.22	£0.25
Tyre cost per set	£2,800	£3,500
Expected tyre life (km)	70,000	70,000
Driver employment cost per day (All drivers)	£145	£145
Le Shuttle return fare	£400	£600
Driver overnight accommodation per night	€ 60	€ 60
Fuel consumption (kpl)	5	4
Days in use per annum	260	250
Fuel cost per litre	£1.70	

Exchange Rate €1 = £0.90