

September 2023 Series P2 (Passenger Transport)

Case Study Question/Answer Booklet

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

Examination Details:

| | |
|-----------------------------|--|
| Paper Title: | September 2023 Series P2 (Passenger Transport) Case Study |
| Paper No: | CPCP1923 |
| Date of Examination: | 8th September 2023 13:00 – 15:15 |

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:

- Complete your name below in capital letters and include your date of birth and signature.
- Use black ink.
- 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.

| FOR EXAMINERS' USE ONLY | |
|--------------------------------|--|
| Q1 | |
| Q2 | |
| Q3 | |
| Q4 | |
| Q5 | |
| Q6 | |
| Q7 | |
| Total = | |

Information:

- The total mark for this paper is 60.
- The marks for each question are shown in brackets ().
- This document has 11 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.

To be signed by the candidate:

| | | | |
|--------------------------|--|-------------------------------|--|
| Candidate name: | | Centre name: | |
| Candidate date of birth: | | Candidate registration number | |
| Candidate signature: | | | |

Question 1

James requires a driver schedule for the round trip to and from Omagh in Ireland that he has been asked to provide a quotation for.

Prepare a driver schedule for the first part of one journey, beginning with the start of the first driver’s duty and ending at the point where passengers have been loaded for the return journey. (Which must begin at the earliest possible time.)

Notes:

You must show the name(s) of the driver(s) on board for each part of the journey, but you are not required to show the times of driver changeovers on the Taunton-Cairnryan stage of the journey.

You must give a start and finish time, and a clear description for every activity.

| Start Time | Finish Time | Activiy | Driver(s) |
|-------------------|--------------------|----------------|------------------|
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(14 marks)

Questions continue on next page

Question 2

James has asked you to prepare the quotation for the proposed Plymouth to Omagh service.

Calculate the cost of operating one round trip journey and the amount to be charged to the client for the round trip.

NOTES:

You MUST show all your workings.

You MUST name each cost, showing a total for each, to the nearest penny.

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(13 marks)

Questions continue on next page

Question 3

James is concerned that the current profit mark-up applied to all quotations may not be realistic. He has told you that RC's total costs for the last financial year were £8,500,000 and that the directors would like to achieve a return of 20% on capital employed, which last year was £6,375,000.

- a) Using the figures detailed above, calculate whether the company's mark-up on costs was sufficient to have achieved the directors' desired return on capital employed

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(2 marks)

- b) Using the figures detailed above, calculate the profit mark-up which would have had to have been applied if the directors had decided that they wanted a 25% return on capital employed

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(2 marks)

Questions continue on next page

Question 4

You have suggested to James that it would make it easier to ensure overall compliance in all areas if RC invested in remote tachograph downloading hardware and software, together with a linked smartphone app for drivers' daily walkaround checks.

Outline **EIGHT** benefits to you and to RC, of using this technology.

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(8 marks)

Questions continue on next page

Question 5

James would like to start using the disused airfield site for parking some vehicles.

Outline **FOUR** actions that you will have to take in respect of operator licensing, before you are able to park vehicles on that site.

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(4 marks)

Questions continue on next page

Question 6

Using the information given in the case study, prepare a timetable for the feeder service pick-ups, using only RC's 3 x 20-seat mini-coaches.

NOTES:

Each feeder service must arrive with its passengers at RC's operating centre at 0700hrs.

All journey times must be as short as possible, with all pick-up times as late as possible.

The average speed for the vehicles on all routes is 60kph. This takes into account time for loading passengers at all points.

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(9 marks)

Questions continue on next page

Question 7.

The drivers who operate the feeder services will be able to go straight onto their school contract runs.

a) What set of drivers' hours' regulations will these drivers be subject to?

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(1 mark)

b) Outline **SEVEN** of these regulations.

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(7 marks)

Extra Sheet 1

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

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Extra Sheet 2

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