

## Level 3 Certificate of Professional Competence for Transport Managers (Passenger Transport) Unit P2

05678

**Friday 16 September 2016 – 1.00 PM – 3.15 PM**

Time Allowed: 2 hours 15 minutes

**You must have:**

- the case study

**You may use:**

- a calculator
- a dictionary
- any written materials

Centre name			
Centre number		Candidate number	
First name		Last name	

### INSTRUCTIONS

- Fill in all the boxes above. Please write clearly and in capital letters.
- Use black or blue ink.
- Answer **ALL** the questions.
- Write your answer to each question in the space provided.
- If additional space is required, you should use the lined page(s) at the end of this booklet.
- Additional paper may be used if required but you must clearly show your candidate number, centre number and question number(s).
- Do all calculations and rough work in this booklet. Cross out any work you do not wish to have marked.

### INFORMATION

- The total mark for this paper is **60**.
- The number of marks is given in brackets at the end of each question or part question.
- This document consists of **8** pages. Any blank pages are indicated.
- 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.

FOR EXAMINERS' USE ONLY			
1		4	
2		5	
3		6	
TOTAL =			

1 Gilbert Kay has asked you to plan the twice weekly journey from Dumfries to Maidstone described in the case study.

(a) (i) Give the latest time that Angus Bute can start work at Dumfries on Thursday 10th December 2016.

..... [1]

(ii) Prepare a driver schedule for the journey described in Fig. 1. The schedule must start with the latest time that Angus Bute can start work at Dumfries and end with the completion of the handover at Maidstone.

**Note:**

You **MUST** state the destination for all driving periods.

You are **ONLY** required to provide the driver's name for driving periods.

Start time	Finish time	Activity description	Driver's name

[10]

(b) After completing the handover the drivers are to collect the hire car and return immediately to their depots.

(i) Give the earliest time and day Angus Bute could arrive back in Dumfries?

.....  
..... [2]

(ii) State **TWO** activities which Angus must record for the period between completing handover of the coach and arriving back in Dumfries.

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..... [2]

- 2 Gilbert Kay has asked you to indicate the cost of operating the 48-seat coaches. Gilbert has also asked you to propose ticket prices for travel between centres.

Using the information provided in the Case Study:

- (a) (i) Calculate the annual standing cost of the service in year one.

**Note:**

You MUST show all of your workings.

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[2]

- (ii) Calculate the annual running cost of the service in year one.

**Note:**

You MUST show all of your workings.

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[3]

(iii) Calculate the annual profit of the service in year one.

**Note:**

You MUST show all of your workings

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[1]

(b) Calculate the individual ticket price in Euros for the single journey from Lyon to Barcelona. (OCR will base the ticket price on a flat rate of pence per kilometre).

**Note:**

You MUST show all your workings.

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[5]

- 3 Gilbert Kay has asked you to advise him on the implications to OCR's current operations with respect to operator licensing and to clarify what must be done before the new service can start.

Using the information provided in the Case Study:

- (a) Give the name of the activity centre whose operator licence will be affected by the acquisition of the 48-seat coaches. Give **ONE** reason for your answer.

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..... [2]

- (b) Give **FIVE** documents that must be submitted to the Central Licensing Office before the 48-seat coaches can be operated.

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..... [5]

- (c) Calculate the level of financial standing (in £'s) that must be met for the new operator licence.

**Note:**

You **MUST** show all your workings.

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..... [3]

- 4 Gilbert Kay has asked you to clarify the status of the new service from Maidstone to Barcelona and detail the actions that must be taken before the service starts.

Using the information provided in the Case Study:

- (a) Identify the classification of this service under regulation EC1073/2009.

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- (b) Outline **THREE** reasons why only this classification would apply.

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- (c) Outline **SEVEN** actions that would need to be carried out in order to register this service.

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- 5 OCR has decided to retain maintenance in-house, to ensure high standards. Gilbert Kay has asked you to explain what changes, if any, would be required to achieve this and whether the current safety inspection interval is appropriate.

Using the information provided in the Case Study:

- (a) Give the maximum number of weeks that OCR should allow between safety inspections for the new coaches, and give **TWO** reasons why this interval would be appropriate to the guidance provided in Fig. 4.

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[3]

- (b) Outline **SIX** changes that should be made to the current maintenance facilities to allow servicing and safety inspections of the new vehicles to be in line with the guidance provided in the DVSA Guide to Maintaining Roadworthiness.

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[6]

6 You have looked at the road maps of France and Spain and have identified that route E15 might be the most appropriate route to follow.

(a) Give the name of the ECE agreement that covers the European Route numbering system.

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..... [1]

(b)

(i) Explain the significance of odd numbered E routes.

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..... [1]

(ii) Explain the significance of even numbered E routes.

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..... [1]

(c) State the background colour of E route road signs.

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..... [1]



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