



Oxford Cambridge and RSA

Vocational Qualifications (QCF, NVQ, NQF)

CPC (Certificate of Professional Competence)

Level 3 CPC (Certificate of Professional Competence) for Transport Managers (Road Haulage) - **05669**

Unit R2: Certificate of Professional Competence for Transport Managers (Road Haulage) - **05689**

OCR Report to Centres December 2020

Oxford Cambridge and RSA Examinations

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This report on the examination provides information on the performance of candidates which it is hoped will be useful to teachers in their preparation of candidates for future examinations. It is intended to be constructive and informative and to promote better understanding of the specification content, of the operation of the scheme of assessment and of the application of assessment criteria.

Reports should be read in conjunction with the published question papers for the examination.

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General Comments

This examination session, as was the case for the September session attracted a lower number of entrants, due we believe to the ongoing limitations on training, necessitated by the Covid-19 pandemic.

As is always the case, the pass mark for this paper was set as part of the Awarding process.

The average total mark achieved by the cohort was 29.1.

In setting the pass mark, examiners always consider the relative difficulty of the paper, compared to previous sessions, and as described in the Syllabus, Student and Tutor Guide, this process forms part of the system that seeks to ensure that all candidates are treated fairly, regardless of in which session they sit the case study paper.

The pass mark was set at 30 and 48.89% of candidates achieved this level.

The R1 (Multiple Choice) paper was considered at the Awarding meeting and examiners concluded that the pass mark for this paper should be set at 39. 35.35% of candidates achieved this mark.

Comments below for individual questions are designed to assist students and tutors when revising for future examinations.

Question 1

Gregory Green hopes to win future work from Walvingham United and other customers, as described in the case study. He is aware that these plans will require the company to obtain an operator licence.

Assume that WWL wins all the contracts and acquires all the vehicles outlined in the two 'Possible future work' sections of the case study.

- (a) Give the minimum category of operator licence for which WWL must apply.**
- (b) (i) Calculate the minimum number of vehicles for which WWL must seek authorisation, when it applies for an operator licence.**
(ii) Calculate the minimum number of trailers for which WWL must seek authorisation, when it applies for an operator licence.
- (c) Calculate the minimum amount of funds to which the company must demonstrate access, in order to meet the Financial Standing requirement. You MUST show all your workings to the nearest £1.**
- (d) Identify TWO documents related to vehicle maintenance that WWL must have, to comply with the guidance provided in the DVSA Guide to Maintaining Roadworthiness.**

Almost every candidate correctly identified the correct licence to be applied for, but very few correctly determined in part (b), the total number of vehicles to be authorised, thereby reducing the number of marks available to them in part (c) A mark was however awarded in

part (c) to candidates who correctly stated that the financial standing requirement is £8,000 for the first vehicle.

Part (d) required candidates to identify documents related to vehicle maintenance and many candidates failed to gain marks through stating actions to be taken and not the documents required.

Question 2

WWL hopes to win the contract to deliver seats from Walvingham United’s old stadium to Larom rugby club in France. As part of the planning process, Gregory requires a driver schedule.

Prepare a driver schedule for the collection and delivery of the old seats, as described in the case study. Your schedule must start when the driver begins work at WWL’s premises and end at the earliest time that the vehicle will be ready to leave Larom rugby club to begin its return journey.

NOTES

You MUST show a start time and finish time for each activity, always using local times.

You MUST show the destination for all driving periods.

You MUST show a clear description of each activity, including break and rest periods. Tachograph modes are not required.

This question involved candidates producing a straightforward single driver schedule. There were a number of options available to candidates and therefore many possible correct schedules. Any completed legal schedule, which complied with the demands of the company and the client, attracted all available marks.

One example of a correctly completed schedule is given below:

Start	Finish	Activity	
0620	0635	Vehicle check	
0635	0645	Drive old stadium	
0645	0745	Load or other work	
0745	1205	Drive Folkestone OR Channel Tunnel	
1205	1250	Break	
1250	1300	Check in OR embark	
1300	1335 OR 1435	Crossing	
1435	1445	Disembark	
1445	1640	Drive Larom	
1640	1740	Unload	
1740	0240	Rest	
0240	0255	Vehicle check	

While the question was generally very well answered, some of the common errors were –

- Not taking a 45 minute break after 4½ hours driving
- Stating Rest where it should have been Break or Break when it should have been Rest
- Failing to adjust for local time in France
- Scheduling a rest for a period other than 9 hours
- Not fully completing the schedule up to the time of a completed daily vehicle check
- As with any driver schedule, marking stops at any point where the schedule becomes illegal, or if the vehicle is not loaded or where the shuttle departure time is incorrect Otherwise, times are adjusted following a mistake and marking continues.

Question 3

WWL hopes to win the contract to deliver seats from Walvingham United's old stadium to Larom rugby club in France. As part of the planning process, Gregory needs to know the cost of providing an articulated combination for the journey.

Prepare a costing schedule for the collection and delivery of the seats, as described in the case study. Your answer must provide the total cost of the two-day journey, starting and finishing at WWL's premises.

NOTES

You MUST show all your workings.

You MUST name each cost, with a total for each.

You MUST give each answer to the nearest 1p.

This was a typical costing question and proved relatively straightforward for most candidates. The question differed slightly from previous costing questions by introducing a leased tractor unit and an owned trailer, which was maintained under a maintenance contract.

The only common errors were an incorrect calculation of the total distance, (the outward and return journey distances were different) and an incorrect calculation for the conversion of the overnight allowance figure from Euros to Sterling.

A correct calculation is given below:

Tractor unit lease £6,000 annual / 200 days x 2 days = £60

Trailer depreciation £25,000 cost - £10,000 residual value / 5 years / 200days x 2 days = £30

Other standing costs/ driver wages: 2 days x £180 = £360

Distance 10+260+115+115+274 = 774km

Fuel £1/10km/l OR 774 / 10 = £77.40

Le Shuttle £520

Overnight €45 x 0.86 = £38.70

Trailer maintenance £2,000 annual / 200 days x 2 days = £20

Total cost £1,106.10

Question 4

Beverly Brown has said that she will invite WWL to tender for the collection and delivery of compressed gas cylinders, as described in the case study. If WWL wins this contract, it will have to appoint a Dangerous Goods Safety Advisor (DGSA), who will complete the tasks set out in ADR Regulations.

Outline SEVEN tasks that a DGSA would be required to complete for WWL.

This question proved once again, the importance of answering every question in such a way that the answer given, exactly satisfies the requirements of the question. This is explained in detail in The Syllabus, Student and Tutor Guide, available on the OCR website.

When a question asks for an outline of tasks, there must be within each outline, a verb, which defines the task carried out. Many candidates, in answering this question, simply copied a list from one of the most commonly used sets of training notes, without prefixing each item on the list with a verb. Those candidates who did outline a task were able to gain the full 7 marks very easily and in a relatively quick time.

A selection of correct outlines is given below, illustrating the use of a 'task' for each outline.

- Monitor ADR procedures
- Advise on ADR procedures
- Advise on identification of dangerous goods
- Monitor purchase of transport means
- Monitor employee training OR qualifications
- Monitor emergency procedures
- Investigate accidents
- Investigate incidents
- Advise on implementation of emergency procedures
- Advise on the use of subcontractors
- Investigate infringements
- Report on accidents
- Report on incidents

Question 5

Beverly has invited WWL to submit a tender for the delivery of seats for the new stadium, as described in the case study. Before the company can submit its bid, Gregory needs the most efficient way of delivering the seats to be calculated.

NOTES

You **MUST** show all your workings.

- (a) Calculate the minimum number of individual deliveries required to transport all 27,000 seats. Each delivery is a journey from WWL's warehouse to United's new stadium.
- (b) Calculate the maximum number of individual deliveries that can be achieved in one day.
- (c) Calculate the minimum number of days required to deliver all 27,000 seats.
- (d) Calculate the minimum number of vans required each day to complete the deliveries in the shortest possible number of days.
- (e) State the minimum number of drivers required each day to complete the deliveries in the shortest possible number of days and outline ONE reason for your answer.

This question required several calculations, all of which were very simple, once the basic concepts had been established. Many candidates overcomplicated the requirements for each part of the question, which when taken individually were quite straightforward.

The answers, with the workings shown below explain this:

(a) $27,000 \text{ seats} / 20 \text{ seats per delivery} = 1,350 \text{ deliveries}$
(b) $60'' / 4'' \text{ per delivery} = 15 \text{ per hour} \times 10 \text{ hours} = 150 \text{ deliveries}$
(c) $1,350 \text{ trips} / 150 \text{ trips per day} = 9 \text{ days}$
(d) $4 \text{ deliveries per van, per hour (15-minute round trip) for 10 hours} = 40 \text{ per van}$ $150 \text{ deliveries per day} / 40 \text{ per van} = 3.75, \text{ so must be } 4 \text{ vans}$
(e) 5 drivers Reasons: Because there are 4 vans + 1 to cover breaks

In parts (a) to (d), one mark was given for a correct answer and one for workings.
In part (e), one mark was given for the answer 5 and one for a valid reason for that answer

Question 6

- 1 Gregory Green hopes to win future work from Walvingham United and other customers, as described in the case study. He is aware that these plans will require the company to comply with regulations for larger vehicles and regulations for international journeys.

Assume that WWL wins all the contracts in the two 'Possible future work' sections of the case study.

- (a) Give TWO cards that WWL lorry drivers would have to carry on the international journeys, that are not required for current van drivers.
- (b) WWL would have to advise its customers about Carnets to be obtained for journeys to Russia, relating to the loads carried.
 - (i) Identify the most suitable Carnet to be carried on the journey to Moscow carrying two new cars to the Motor Show and returning them to Birmingham. You MUST state from where the Carnet can be obtained.
 - (ii) Identify the most suitable Carnet to be carried on journeys to Moscow carrying new vehicles to local dealers. You MUST state from where the Carnet can be obtained.
 - (iii) Describe the primary purpose of the carnet systems.
- (c) WWL will have to advise the London importer about required documents. Identify the certificate that must be carried on journeys from Moscow to the UK because the vehicles will be carrying horticultural plants.

This question, once again, required candidates to read the question carefully and answer accordingly. For example, many candidates in Part (a) gave cards that both lorry and van drivers would have to carry on an international journey, whereas the question clearly required details of cards that only the lorry drivers would have to carry.

Part (b) of the question was generally quite well answered and answers given indicated that most candidates do understand the carnet system and from where carnets may be obtained. Most also showed understanding of the purpose of carnets.

Question 7

Beverly Brown has said that she will invite WWL to tender for the collection of waste from United's new stadium. If WWL wins this two-year contract, it will have to apply to the Environment Agency to register as a waste carrier. Gregory will submit this application.

Outline FOUR actions that WWL's office staff and/or drivers would have to take relating to the carriage of controlled waste.

Just as was the case with answers given by many candidates in Question 4, a considerable number of candidates did not outline any actions in their answers to this question.

Tutors and students are reminded that this qualification is a Level 3 award and as

specified by Ofqual's Level 3 requirements, candidates must follow explicit instructions given within a question.

IN this question therefore, the answers had to outline an action.

The question also specified that answers must relate to the carriage of controlled waste. Answers which related to other aspects of controlled waste were not awarded marks.

The question asked for actions to be taken by WWL's staff, therefore answers which outlined actions to be taken by the producer of the waste did not gain a mark.

Examples of some correct answers are given below:

- Carry copy of waste carrier registration in vehicles
- Keep copy of waste carrier registration in office
- Carry waste transfer note OR Written description of waste
- Dispose of waste to approved organisation/person/site
- Keep records for two years
- Produce records within seven days
- Ensure waste loaded/secured/packaged securely
- Ensure vehicles not overloaded
- Provide PPE
- Wear PPE
- Ensure relevant paperwork is completed correctly

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