

iCourse Theory

Study Unit 12

Name:

Unit start date:

Unit finish date:

When returning work for assessment, please ensure that each unit is kept together by stapling or other means and that you complete the information above. Also please ensure that any additional worksheets are clearly marked with your name.

Study Unit No. 12

This pack contains:

- Study Instructions
- 1 x Question marking sheets
- Road sign marking/notes sheet
- 20 Multiple Choice Questions covering:
 - Automatic transmission
 - Disabilities
 - Driving tests
 - Tyres/safety
- Foundation questions
- Blank training notes sheet
- Blank 'Questions to ask a Trainer' sheet

Start by completing the Road Sign Quiz

Study Unit No. 12 - Road sign quiz

Use the numbered spaces below to write out the meaning of each sign shown in Step 2 of this unit. For added benefit, write a brief description of where you might find each sign and what action you would take - writing out this information will help you to easily remember the signs and will help to get you thinking about how you might explain the meaning and purpose of the signs to your future customers.

1.

2.

3.

4.

5.

6.

Please read this carefully before starting ...

The questions in this pack are designed to help you to learn and test your knowledge; we strongly suggest that you follow the study instructions found in the Study Unit Starter as opposed to trying to learn the answers by rote. While learning by rote might help you to pass the first part of the exam it would prove to be detrimental in the later stages of your training and reduce your chances of an early examination pass.

Some of the questions in iCourse question papers may address topic areas not covered in DVSA Part-One. The questions cover a broad range of topics designed to give you a good base for your new career in driving instruction.

To the best of our knowledge, all the questions on this paper are correct and up-to-date.

In the unlikely event of you finding a question that is out of date, or misprinted, you can help other students by contacting us - the question will then be amended. (support@smartdriving.org)

Important note

Some of the questions in SmartDriving iCourse have more than one correct answer (multiple-response). We do not 'flag' questions which have more than one correct answer. The questions are designed in this way to 'make you think more' and thereby increase your depth of knowledge. The DVSA also have some questions which require more than one answer, however, DVSA papers will state clearly when more than one answer is required.

Completing the questions

The next page has a reminder about how to complete the multiple-choice and foundation questions for best results.

First pass through the questions

Use this marking sheet to record answers on your first pass through the questions.

Your first pass through these questions should be done *before* researching any of your study material – it is simply to check your pre-study knowledge. Knowing the before and after level of understanding will help with your motivation.

Confidence score reminder:

- 4 = Absolutely certain
- 3 = Reasonably confident
- 2 = 50 / 50
- 1 = Unsure
- 0 = Blind guess (no idea so I picked an answer at random)

Remember, it's best to assess your level of confidence quickly as you look at the questions so as to capture your immediate 'gut feeling' about how confident you are in your answer. Confident scoring is instant – it's not an intellectual exercise!

Allow a maximum of 25 minutes for this exercise under test conditions.

Your Answers	Confidence Score First Pass	Correct Answers		Your Answers	Confidence Score First Pass	Correct Answers
1.				11.		
2.				12.		
3.				13.		
4.				14.		
5.				15.		
6.				16.		
7.				17.		
8.				18.		
9.				19.		
10.				20.		

After completing the first pass through the multiple-choice questions, check your answers (the correct answers are linked in the study unit) and add the correct answer reference (a,b,c or d) for incorrectly answered questions in the space provided above.

Next: Complete your research and study as directed until you fully understand the relevant material for the questions which were answered incorrectly or which have a low confidence rating (**two** or lower).

Complete the **Foundation** questions, noting the correct answer references (a b c or d) and reference to the relevant study material in the space provided on your Foundation worksheets (referencing the study source makes revision easier later on).

Second pass through the questions

When you have completed your study of all incorrectly answered questions and questions with a confidence score of two or lower and have completed all the Foundation Questions, repeat the multiple-choice test marking your answers and confidence score on the test papers – again do this in 25 minutes or less to emulate test conditions..

If your score is lower than 16 on your second pass, complete the whole unit again in full taking a little more time over your research (trying to rush your learning is a 'false economy' and will cause problems later on in your course).

Study Unit No. 12 - Questions

1. It is especially important to slow down early when approaching bends and corners in a car with automatic transmission, because:
- the car may otherwise select an inappropriate gear for the conditions
 - the engine may otherwise stall due to lack of power
 - some automatics have a differential lock
 - the car could otherwise become unbalanced

Confidence rating – 2nd Pass = 0 1 2 3 4

2. When driving a car fitted with automatic transmission, it is normally acceptable to use the left foot to operate the brake when:
- manoeuvring
 - when completing an emergency stop
 - when using the cadence braking technique
 - driving on motorways

Confidence rating – 2nd Pass = 0 1 2 3 4

3. A suitable vehicle specification, for a person with no left leg, would be:
- a knee controlled clutch
 - a hand operated brake and accelerator
 - automatic transmission
 - semi-automatic transmission

Confidence rating – 2nd Pass = 0 1 2 3 4

4. A person who only has one eye must:
- not hold a driving licence
 - only drive a specially adapted vehicle
 - meet the normal eyesight requirement for the driving test
 - not drive without spectacles or contact lenses

Confidence rating – 2nd Pass = 0 1 2 3 4

5. A pupil, taking medication for a cold, should be advised:
- to drive more slowly than usual
 - not to drive under any circumstances
 - to seek the advice of a doctor or chemist before driving
 - only drive during daylight hours

Confidence rating – 2nd Pass = 0 1 2 3 4

6. If a candidate arrives for a Category B driving test in a van with no rear or side windows, the examiner:
- will never ask the candidate to do a reversing manoeuvre
 - is likely to refuse to conduct the test
 - ask the candidate to reverse into a side road on the left
 - never ask the candidate to do a reverse parking manoeuvre

Confidence rating – 2nd Pass = 0 1 2 3 4

7. A broken, toughened windscreen that is still in place will be:
- easier to see out of than a broken laminated screen
 - more difficult to see out of than a broken laminated screen
 - be no different to see out of than a broken laminated screen
 - be safer than a laminated screen

Confidence rating – 2nd Pass = 0 1 2 3 4

8. Drivers who suffer from stunted growth:
- cannot hold a full driving licence
 - may be assisted by pedal extensions
 - may only drive if their car is fitted with a specially adapted driving seat
 - should be advised to take a specialist assessment for vehicle suitability

Confidence rating – 2nd Pass = 0 1 2 3 4

9. If cross-ply and radial tyres are mixed on a four-wheel drive vehicle:
- they should be arranged with the radials on the front
 - they should be arranged with the cross-plys on the front
 - they should be arranged with one of each type diagonally opposite
 - they can be arranged in any configuration

Confidence rating – 2nd Pass = 0 1 2 3 4

10. The minimum requirements for tyre tread safety require a tread depth across three quarters of the width of the tyre and a visible tread pattern for the rest of the tyre. The minimum tread depth is:
- 1.0 millimetre
 - 1.6 millimetres
 - 2.0 millimetres
 - 2.6 millimetres

Confidence rating – 2nd Pass = 0 1 2 3 4

11. The term '*secondary safety*' describes:
- a. the handling characteristics of a car
 - b. the occupant protection built into a car
 - c. a driver training programme for comprehensive school students
 - d. the safety gap that should be left between moving vehicles

Confidence rating – 2nd Pass = 0 1 2 3 4

12. The best vehicle, for a driver with no movement in his/her right leg, would be:
- a. an automatic car with no adaptation
 - b. an automatic car with a left foot accelerator
 - c. a manual car with a hand operated accelerator
 - d. a manual car with a hand operated 'footbrake'

Confidence rating – 2nd Pass = 0 1 2 3 4

13. The minimum period of notice, required to cancel driving tests is:
- a. ten days
 - b. ten working days
 - c. five working days
 - d. three working days

Confidence rating – 2nd Pass = 0 1 2 3 4

14. A senior driving test examiner may occasionally sit in the back of the car during a driving test. The purpose of this procedure is to:
- a. ensure that all tests are carried out to a uniform standard
 - b. act as arbitrator in the event of a disputed test result
 - c. ensure that the examiner does not exceed his weekly pass quota.
 - d. gather statistical data about driving school vehicles

Confidence rating – 2nd Pass = 0 1 2 3 4

15. The time allocated to an examiner, to conduct a test for a disabled driver is:
- a. a normal length test period
 - b. a shorter test period
 - c. a longer test period but with more driving time
 - d. a longer test period with the same driving time

Confidence rating – 2nd Pass = 0 1 2 3 4

16. Driving instructors who wish to accompany a pupil on a driving test should:

- a. notify the test centre in advance
- b. inform the examiner of their wish
- c. ask the pupil to inform the examiner of their wish
- d. tell the pupil that it is compulsory in 20% of tests

Confidence rating – 2nd Pass = 0 1 2 3 4

17. If a driver is unable to turn his/her head around because of a neck disability he/she should:

- a. not attempt to learn to drive
- b. fit additional mirrors to the car to eliminate blind spots
- c. always avoid situations where he/she has to reverse
- d. only take lessons on quiet roads

Confidence rating – 2nd Pass = 0 1 2 3 4

18. Driving test candidates who cannot read a car number plate selected by the examiner:

- a. are offered an opportunity to go home and collect their spectacles
- b. will be given a statement of failure form and the test will not continue
- c. automatically receive another test appointment through the post
- d. are asked to drive more slowly than normal during the test

Confidence rating – 2nd Pass = 0 1 2 3 4

19. Application for a driving test can be made to the:

- a. DVSA National Booking Office, Newcastle
- b. local driving test centre
- c. DVLA (Swansea)
- d. the DVSA online booking service

Confidence rating – 2nd Pass = 0 1 2 3 4

20. The DVSA publication ‘the official guide to learning to drive’ advises that when preparing for the driving test candidates should:

- a. practise on roads where the national speed limit applies
- b. only practice on roads with a 30 m.p.h. limit
- c. practice as much as possible in the test area
- d. avoid driving after dark

Confidence rating – 2nd Pass = 0 1 2 3 4

Foundation ...

The Foundation questions are designed to enhance your knowledge by helping you to interact with some of the underlying concepts of the material.

Passing the ADI qualifying examination is the first step on the ladder to your new career. The Foundation questions will help you to take that step more easily by underpinning your knowledge of facts and figures with an understanding of true meaning that will enable you to apply your knowledge in a wider range of situations.

Perhaps more importantly it is important to recognise that, as in any trade or profession, some practitioners are more accomplished, better, than others. As a general rule, those who are better able to do the job, who have a better understanding of their role, are able to give better service and reap better rewards.

By working through the Foundation questions you will begin a process that can, with a little work and effort, make your life easier and help to make your future more prosperous.

Foundation - Study Unit 12

1. Correct answer = a b c d	References:
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While everyone is an individual and will have their own reasons for learning to drive, automatic transmission tends to attract certain types of customers. What sort of people do you think might be attracted to learning in an automatic?

2. Correct answer = a b c d	References:
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Some people drive both manual and automatic cars; why might someone who does this be better off using their right foot for both the pedals in all situations?

3. Correct answer = a b c d	References:
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If someone with a disability, for example a missing limb, approaches you for lessons and you have a suitable vehicle, what advice would you give them about taking the driving test?

<p>4. Correct answer = a b c d</p>	<p>References:</p>
<p>When teaching a person who only has one eye, how do you think that you might teach them, in order to compensate for their lack of vision?</p>	

<p>5. Correct answer = a b c d</p>	<p>References:</p>
<p>If one of your regular pupils turned up for a lesson with a bad cold and insisted on going ahead with a lesson what precautions might you take to help ensure that the lesson has a successful outcome?</p>	

<p>6. Correct answer = a b c d</p>	<p>References:</p>
<p>Many driving instructors never teach the right-hand reverse manoeuvre simply because it very rarely features in driving tests. However, we recommend that you should not only teach the right-hand reversing manoeuvre, but that it is best taught before the left-hand reversing manoeuvre. Have you any thoughts about why we suggest this?</p>	

7. Correct answer = a b c d	References:
<p>It is often said that if you are unlucky enough to get a broken toughened-glass windscreen, you should punch a hole in the screen. However, some people disagree with this and claim it could be dangerous. Briefly explain an advantage and a disadvantage of punching a hole in the windscreen.</p>	

8. Correct answer = a b c d	References:
<p>As a brief project, find out where people with disabilities can go to be assessed with regard to their suitability to drive and for recommendations about any vehicle adaptations that will be necessary for them.</p>	

9. Correct answer = a b c d	References:
<p>Briefly explain the dangers of mixing different tyre types and why the tyres with most grip should be placed on the rear axle, regardless of the drive configurations of the vehicle (front-wheel-drive, four-wheel-drive or rear-wheel drive).</p>	

10. Correct answer = a b c d

References:

Briefly explain the likely problems that will occur if your tyres do not have sufficient tread depth?

11. Correct answer = a b c d

References:

Give three specific examples of secondary safety that you might find in a typical motorcar.

12. Correct answer = a b c d

References:

List four vehicle adaptations that could be used by disabled drivers (these need not necessarily relate to question 12).

13. Correct answer = a b c d	References:
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Consider a scenario where your driving school vehicle has broken down the day before one of your pupils is due to take a driving test, and you are unable to find a replacement vehicle; how might you solve this problem?

14. Correct answer = a b c d	References:
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The DVSA regulate their driving test examiners by observing them during a fixed number of tests each year. How do you think that this internal quality control by the DVSA helps you as a driving instructor?

15. Correct answer = a b c d	References:
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Disabled candidates for driving tests are allocated an extended time period. Does this mean that the candidate has to drive for longer in order to prove their competence or is there some other reason? Briefly explain.

16. Correct answer = a b c d	References:
<p>Officially, if a driving instructor wishes to sit in the back of a car during a driving test, the request must come from the pupil (test candidate) and not the instructor ... What do you think the reasons for this are?</p>	

17. Correct answer = a b c d	References:
<p>If someone with a disability such as that described in question 17, passes a driving test in a manual car fitted with additional mirrors, will a normal full licence be issued? Briefly explain your answer.</p>	

18. Correct answer = a b c d	References:
<p>List the eyesight requirements for:</p> <ol style="list-style-type: none">1. 'L' test candidates2. Driving instructors	

<p>19. Correct answer = a b c d</p>	<p>References:</p>
<p>Many instructors leave their customers to book their own driving tests. Would it perhaps be better business practice to help your customers book the test, or to book the test for them? Briefly explain your thoughts.</p>	

<p>20. Correct answer = a b c d</p>	<p>References:</p>
<p>Is it safe to take learner drivers on roads with a 60 or 70 mph speed limit? Briefly explain your answer.</p>	

When you have completed your research and study and are happy with your Foundation answers, complete the main questions again under test conditions – you have 25 minutes and your target score is 19.

Notes and Reflective thoughts

Questions to ask a Trainer