



Centre Number

71

Candidate Number

General Certificate of Secondary Education
2013

Motor Vehicle and Road User Studies

Unit 1: Motor Vehicle and Road User Theory

Foundation Tier

[GMV11]

THURSDAY 16 MAY, MORNING



For Examiner's
use only

Question Number	Marks
1–3	
4–9	
10–14	
15–20	
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TIME

1 hour 30 minutes.

INSTRUCTIONS TO CANDIDATES

Write your Centre Number and Candidate Number in the spaces provided at the top of this page.
Answer **all** questions.

INFORMATION FOR CANDIDATES

The total mark for this paper is 120.
Figures in brackets printed down the right-hand side of pages indicate the marks awarded to each question or part question.
Quality of written communication will be assessed in question **44**.

Total
Marks

Examiner Only	
Marks	Remark

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Answer _____ [1]



10 What is the name given to the road markings below?

_____ [1]

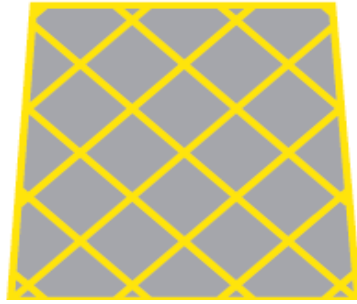


Fig. 10.1

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11 A document which provides details about legal proof of insurance is

known as the Insurance _____ . [1]

12 Which **one** of the following is the odd one out?

Answer _____ [1]

Driving Licence	Tax Disc	Petrol Receipt	MOT Certificate	V5 Form
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13 Hydrocarbons and carbon monoxide are two examples of

_____.

[1]

14 _____ is the term used to describe a vehicle which is bought without trading another in. [1]

Examiner Only	
Marks	Remark

Section B

Answer **all** questions.

Examiner Only	
Marks	Remark

21 Suggest why tyres have a tread pattern.

_____ [1]

22 Name **one** item which, by law, must be kept clean on a motor vehicle.

_____ [1]

23 (a) State the legal limit for alcohol in:

1. breath _____ micrograms per 100 ml. [1]

2. blood _____ milligrams per 100 ml. [1]

(b) Name **two** ways in which alcohol/drugs can impair a driver.

1. _____ [1]

2. _____ [1]

24 Primary road signs have _____ lettering on

a _____ background. [2]

25 Apart from a helmet, name **two** articles of appropriate clothing which each of the following should wear.

Cyclist 1. _____ [1]

2. _____ [1]

Motorcyclist 1. _____ [1]

2. _____ [1]

26 (a) Apart from the legal requirement, explain briefly why a motorist needs insurance.

[1]

(b) List **three** reasons why young, newly qualified, male drivers are a high insurance risk.

1. _____ [1]

2. _____ [1]

3. _____ [1]

27 Give the meanings of the following initials:

ABS _____ [1]

SORN _____ [1]

PCV _____ [1]

28 (a) At night, when should a driver use his/her main beam?

[1]

(b) Under what circumstances should a driver adjust the vehicle's headlights?

[2]

Examiner Only	
Marks	Remarks

29 Suggest a time when the part-time signals in **Fig. 29.1** below would operate.

[1]



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Fig. 29.1

30 Examine **Fig. 30.1** below carefully.

Describe **two** hazards in the photograph.

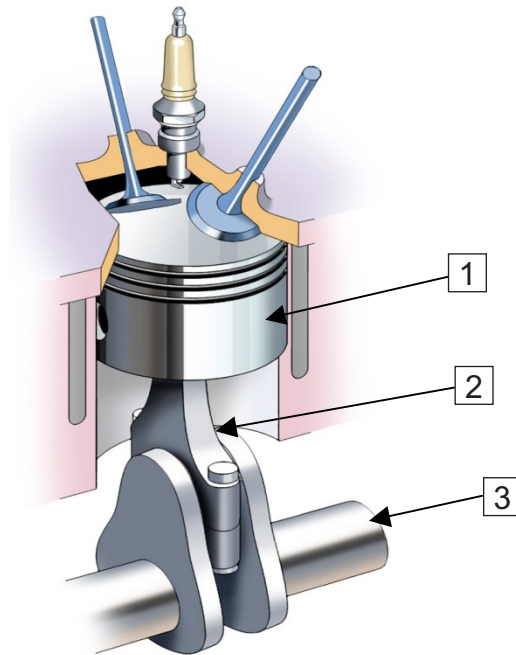
1. _____ [1]

2. _____

_____ [1]



Fig. 30.1



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Fig. 39.1

(a) Name the parts marked 1 to 3 in **Fig. 39.1** above.

1. _____ [1]

2. _____ [1]

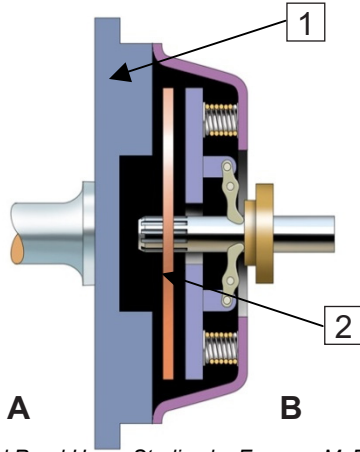
3. _____ [1]

(b) Explain briefly how linear motion is changed into circular motion in a car engine.

 [2]

Examiner Only	
Marks	Remark

(c)



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Fig. 39.2

Name the parts marked 1 and 2 in **Fig. 39.2** above.

1. _____ [1]

2. _____ [1]

(d) Explain briefly the function of a clutch.

[1]

(e) On which side of the clutch in **Fig. 39.2** would you expect to find the engine? Answer A or B.

 [1]

Examiner Only	
Marks	Remark

42 Apart from overtaking, name **two** occasions when a driver would use MSM on a motorway.

1. _____ [1]

2. _____ [1]

43 Describe briefly what you should do if your vehicle breaks down on a motorway.

[6]

44 Safe driving involves observation, courtesy and anticipation. Explain briefly how this can be achieved, using the headings below.

Observation

Courtesy

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Anticipation

[12]

Examiner Only	
Marks	Remark

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