

Candidate Name	Centre Number	Candidate Number

WELSH JOINT EDUCATION COMMITTEE



CYD-BWYLLGOR ADDYSG CYMRU

ENTRY LEVEL CERTIFICATE

TYSTYSGRIF LEFEL MYNEDIAD

717/03

Entry Level Certificate

MOTOR VEHICLE AND ROAD USER STUDIES

MOTOR VEHICLE ENGINEERING

P.M. THURSDAY, 22 March 2007

(15 minutes)

Examiner only

Total Marks	
------------------------	--

INSTRUCTIONS TO CANDIDATES

Write your name, centre number and candidate number in the spaces at the top of this page.

Answer **all** questions in the spaces provided in this booklet.

If you have difficulty in reading a question, put up your hand and the teacher-in-charge will read it to you.

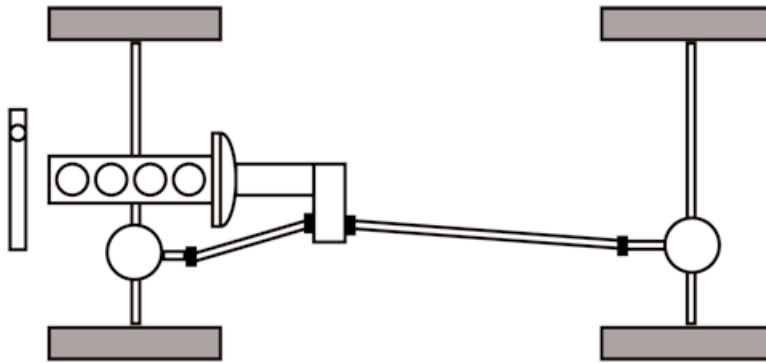
INFORMATION FOR CANDIDATES

The number of marks is given in brackets at the end of each question or part-question.

No certificate will be awarded to a candidate detected in any unfair practice during the examination.

Answer **all** questions in the spaces provided.

1. Look at the diagram below and then answer whether the sentence that follows is **TRUE** or **FALSE**.



“The diagram shows the layout of a FOUR-WHEEL drive vehicle.”

Answer [1]

2. What colour are the front marker lights on a British motor vehicle?

- (a) Red.
- (b) Yellow.
- (c) White.

Answer [1]

3. Look at the picture below and then answer whether the sentence that follows is **TRUE** or **FALSE**.



“The picture shows a tyre valve.”

Answer [1]

4. Is the following sentence **TRUE** or **FALSE**?

“The differential gears allow the inside drive wheel of a motor vehicle to turn faster than the outside wheel.”

Answer [1]

5. What is the name of the electric generator used in most modern motor vehicles?

- (a) Germinator.
(b) Alternator.
(c) Altimeter.

Answer [1]

6. Is the following sentence **TRUE** or **FALSE**?

“The type of tyres now fitted to most modern motor vehicles are Cross-ply tyres.”

Answer [1]

7. Look at the picture below and then answer the question that follows.



What is being done?

- (a) The engine is being filled with oil.
(b) The radiator is being filled with water.
(c) The windscreen washer bottle is being filled.

Answer [1]

8. How many rows of cylinders are there to be found on a V-6 engine?

- (a) 1.
- (b) 2.
- (c) 3.

Answer [1]

9. If the paintwork of a car is badly scratched, what will happen?

- (a) The steel underneath will rust.
- (b) The scratches will disappear eventually.
- (c) The remaining undercoat will protect the surface.

Answer [1]

10. Look at the picture below and then answer the question that follows.



What is the tool shown used for?

- (a) Checking the level in the fuel tank.
- (b) Checking the battery acid.
- (c) Checking the gear-box oil level.

Answer [1]

11. What do the letters 'UJ' stand for when used about a part of a motorcar?

- (a) Unified Joint.
- (b) Union Joint.
- (c) Universal Joint.

Answer [1]

12. Look at the picture below and then answer the question that follows.



What is the engine part shown?

- (a) Converting rod.
- (b) Connecting rod.
- (c) Confection rod.

Answer [1]

13. Is the following sentence **TRUE** or **FALSE**?

“The water temperature gauge on a vehicle’s dashboard shows the temperature of the liquid in the cooling system.”

Answer [1]

14. Look at the picture below and then answer the question that follows.



What type of brake is shown in the picture?

- (a) Disc brake.
- (b) Calliper brake.
- (c) Drum brake.

Answer [1]

15. Is the following sentence **TRUE** or **FALSE**?

“Safety in the motor vehicle workshop is only the responsibility of the workshop manager.”

Answer [1]