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Terminology

PRACTICE PAPER ONLY

Test Paper One / Time allowed 90 mins

To be completed by the student

Student Name _____ **Date** __ / __ /2021

School/Provider _____

To be completed by the School Invigilator/Coordinator/Tutor

I confirm that this assessment was completed by the student named above as a closed book exercise under exam conditions

Invigilator Name _____

Invigilator Sign _____

Assessed By _____

Date __ / __ / 2021

**Assessor's
Stamp**

Assessors Note: Materials relate to unit standard 21674

SAMPLE ASSESSMENT INSTRUCTIONS

PLEASE MAKE SURE TO READ AND SIGN THIS SECTION

ASSESSMENT INSTRUCTIONS

- Before starting this assessment you should have achieved a mark of at least 80% for your workbook.
- Use a black or blue ball point pen. (do not use pencil)
- Write your full name on the cover page.
- This is a closed book assessment, so you cannot bring any reference material in, or seek help from anyone else.
- You need to answer all the questions.
- Read the questions carefully, and give detailed answers when asked to.
- You must complete the assessment under exam conditions.
- To achieve the unit standard you must show competency for each outcome.

Complete the following by circling Yes or No as appropriate:

Are you ready to be assessed? **Yes No**

Have the assessment instructions these been explained to you? **Yes No**

Do you understand the assessment instructions? **Yes No**

Have you all the materials/resources that you need for this assessment? **Yes No**

Please sign to acknowledge that you have read these instructions and are ready to be assessed.

Student Signature: _____ Date: _____

ELEMENT ONE

Demonstrate knowledge of terminology used in the motor industry.

1. Match up the term with its appropriate description: For example

A – Automatic transmission = 8 – System that selects and changes gears automatically when selected

A	Automatic transmission	A8	1	Most popular fuel used in cars
B	Workshop service manual		2	More environmentally friendly fuel that is becoming more commonly used.
C	Lubrication sticker		3	Has one power stroke for every revolution of the crankshaft
D	Final drive unit		4	System that relies on the driver to engage and disengage gear ratios
E	Clutch assembly		5	Most popular fuel used in trucks and light commercial vehicles
F	Axle and shafts		6	Engages and disengages drive to the manual transmission
G	Manual transmission		7	System that relies on the driver to select the gear ratio when taking off, then gears are selected automatically
H	Semi automatic transmission		8	System that selects and changes gears automatically when selected
I	Warrant of Fitness		9	Has one power stroke for every two revolutions of the crankshaft
J	Two stroke		10	Transmits drive to the wheels
K	Four stroke		11	Contains service and repairs information and instructions
L	Petrol		12	Sticker on windscreen showing that the vehicle is safe to use on the road
M	Diesel		13	Contains the crown wheel, pinion and differential.
N	Alternative fuels		14	Sticker on the windscreen that shows when the next service is due

2. Name three clutch assembly components.

1. _____
2. _____
3. _____

3. How are electric vehicles powered?

4. How are hybrid vehicles powered?

5. Match up the vehicle body term with its appropriate description:

A	Bonnet		1	Uses a hinging lid which incorporates the rear windscreen
B	Boot lid		2	Uses a hanging door which incorporates the rear windscreen
C	Hatch back		3	Fitted to limit body and mechanical damage in the event of a collision.
D	Station wagon		4	A panel that covers the rear luggage compartment
E	Doors		5	Can be toughened or laminated and prevents rain, wind and dust from entering the vehicle.
F	Guards		6	Used to enter and exit the vehicle
G	Bumpers		7	A panel that covers the engine bay
H	Windscreen		8	Used in each corner of the vehicle

6. Match up the assembly term with its appropriate description:

A	Tow bar		1	Moulded panel that covers the space between the rear seats and rear windscreen
B	Monsoon shield		2	Protects the vehicle from stones that are thrown up
C	Spoiler		3	Moulded panel that houses the instrument cluster, glove box and comfort controls
D	Badges		4	Materials that covers the seats and linings in the passenger cell
E	Mud flaps		5	Allow trailers and caravans to be connected to the vehicle.
F	Sill covers		6	Designed to keep rain and wind out of the vehicle when the front windows are down
G	Aerials		7	Details the make and model of the vehicle
H	Number plate		8	Designed to receive radio signals
I	Mirrors		9	Improves aerodynamics of the vehicle
J	Upholstery		10	Fitted to protect panel from stones and mud
K	Dash panel		11	Displays the registration details of the vehicle
L	Parcel shelf		12	Allows driver to see the rear of the vehicle

7. What is meant by the term hydraulic brake system?

8. Match up the term with its appropriate description: For example

A – Wedge bisector = 8 – Uses a pushrod to move between the brake shoe rollers to expand the brake shoes

A	Wedge bisector	A8	1	A ball joint that connects to the steering spindle
B	Spindle		2	Converts hydraulic fluid pressure into movement of the pistons to force the brakes shoes against the drum
C	Tie rod end		3	Operate automatically once air pressure is removed.
D	Pneumatic brakes		4	Uses a small electric motor near the wheels to generate braking pressure.
E	Wheel cylinder		5	Fitted to prevent excess weight transfer to the outside wheel when turning.
F	Brake booster		6	Heavy duty inflatable rubber used on heavy vehicles to absorb road shocks
G	Springs brakes		7	Uses compressed air to operate mechanical braking components
H	Brake by wire		8	Uses a pushrod to move between the brake shoe rollers to expand the brake shoes
I	Sway bars		9	Turns the hub assembly
J	Air bag suspension		10	Uses engine vacuum to multiply the brake fluid pressure when the brakes are applied

9. List three types of hammers that are commonly used in the motor industry?

1. _____
2. _____
3. _____

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10. From the list provided match up the tip shape with its correct name?

Standard Phillips Torx Socket Pozidrive

Tip: _____



Tip: _____



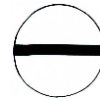
Tip: _____



Tip: _____



Tip: _____



11. List three types of spanners that are commonly used in the motor industry?

- 1. _____
- 2. _____
- 3. _____

12. What is a micrometer?

13. What is a torque wrench?

14. What common workshop equipment item is used to restore the charge in battery electrolyte?

15. What common workshop equipment item is used to measure the amount of hydrocarbons, carbon monoxide and oxides of nitrogen that are emitted from a vehicle?

16. For what purpose are floor creepers used in automotive workshops?

17. List three common types of gasket material that are used in the automotive industry.

1.

2.

3.

18. What is the main difference between how inboard and outboard engines are fitted to trailer boats?

19. Forklifts are fitted with counterweights. Explain why.

20. List any Three common items of hand held outdoor power equipment that use a 2 stroke or 4 stroke engine?

21. What do the letters RWD stand for?

22. List two types of fuel that can be used to fuel alternative fuelled vehicles.

1. _____

2. _____

23. Indicate whether each of the following are either True (T) or False (F). Please enter T or F in the appropriate boxes.

Trailer boats are usually powered by an outboard petrol engine that drives a propeller

Forklifts are usually rear wheel steered so that they can deal with tight cornering situations.

Trailers for transporting boats need a warrant of fitness



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