

CARIBBEAN VOCATIONAL QUALIFICATION
MOTOR VEHICLE ENGINE SYSTEMS LEVEL 1
ANSWER SHEET

ASREMS0011A: Prepare for general servicing/repairing of motor vehicle

INSTRUCTIONS:

- Compare your responses to these on the Answer Sheet.
- You may go back to the presentation to determine where you may have gone wrong.

1.

a) In your own words define preventative maintenance.

- *Preventative maintenance describes standard inspection checks and repairs done by an auto garage to ensure the road worthiness of a vehicle. This ensures that the car runs efficiently through the timely changes of defective parts or parts that should be changed routinely.*

b) Describe the two main types of preventative maintenance checks

- *Basic or interim Service which checks over the main parts of the car when it reaches 10,000Kms between full service.*
- *A full service is a complete check of the car when it reaches a specific mileage as stated in the car guidelines (usually 20, 000 Kilometres after the last full service)*

2. Why are maintenance checks necessary?

- *Preventative maintenance ensures your vehicle achieves optimal fuel mileage and reduces wear and tear on engine parts.*

3. A customer comes to your garage indicating that the oil light is “on” in the instrument panel. Your supervisor asks you to do a check under the bonnet. You are required to create a pre-service checklist for under the bonnet.

Under Bonnet Checklist: with an example

Part/Fluid	Condition	Comments
Engine oil	<i>Low</i>	<i>Requires topping up</i>
Radiator coolant		
Brake fluid		
Power steering fluid		
Windscreen washer fluid		
Clutch fluid (manual cars)		
Gearbox oil		
Differential fluid		
Engine oil		
Radiator coolant		
Brake fluid		
Power steering fluid		
Windscreen washer fluid		
Radiator hoses		
Engine air filter		
Battery		
Power steering belt		
Air-condition compressor belt		
Alternator belt		