

(These items were developed by teachers for the Technical Skills Assessment. Below is a sample item for each program standard.)

**Question 1 of 9**

Where is engine size/displacement information located?

- ☐ A) VIN code, tire placard, belt routing label
- ☐ B) Tire placard, engine label, emissions decal
- ☐ C) Refrigerant label, belt routing label, VIN code
- ☐ D) Engine label, VIN code, emissions decal

**Question 2 of 9**

In a 4:1 planetary gear set, the output shaft will spin at what speed related to the input shaft?

- ☐ A) 4 times the speed
- ☐ B) 1/4 the speed
- ☐ C) 400 times the speed
- ☐ D) 1/400 the speed

**Question 3 of 9**

Which part does NOT need to be checked during a differential leak inspection?

- ☐ A) Pinion seal
- ☐ B) Cover gasket
- ☐ C) Spring mount
- ☐ D) Axle seal

#### Question 4 of 9

Which electronic system is NOT an advanced driver assistance system (ADAS) feature used in automobiles?

- ☐ A) LIDAR
- ☐ B) RADAR
- ☐ C) SONAR
- ☐ D) HYBRID

#### Question 5 of 9

Technician A recommends replacement of a flexible brake line when damage is found. Technician B recommends repair of a flexible brake line when damage is found. Who is correct?

- ☐ A) Both Technician A and B
- ☐ B) Neither Technician A nor B
- ☐ C) Technician A only
- ☐ D) Technician B only

#### Question 6 of 9

The windshield wipers fail to turn on. What situation would NOT cause this condition?

- ☐ A) Ignition switch is off
- ☐ B) Blown fuse
- ☐ C) Missing wiper blade
- ☐ D) Defective wiper motor

#### Question 7 of 9

What is the FIRST step when diagnosing automatic HVAC systems?

- ☐ A) Scan for codes
- ☐ B) Check refrigerant level
- ☐ C) Check A/C condenser for debris
- ☐ D) Check A/C pressures

### Question 8 of 9

During an exhaust system inspection, a broken heat shield is found. Technician A says the heat shield should be removed and discarded. Technician B says the heat shield needs to be repaired or replaced. Who is correct?

- ☐ A) Technician A only
- ☐ B) Both Technicians A and B
- ☐ C) Technician B only
- ☐ D) Neither Technician A nor B

### Question 9 of 9

What are the three "Cs" that should be on a completed repair order?

- ☐ A) Concern, cause, correction
- ☐ B) Customer, copy, complaint
- ☐ C) Correction, customer, copy
- ☐ D) Customer, complaint, correlation

## Automotive Technologies Sample Test Answer Key

Question	Answer
1.	D
2.	B
3.	C
4.	D
5.	C
6.	C
7.	A
8.	C
9.	A