

# CH-14 Vehicle Inspection

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

- 1) Technician A says that the lower the bin number is, the less emissions the vehicle produces. Technician B says that SULEV has cleaner standards than ULEV. Which technician is correct?  
A) Technician A only  
B) Technician B only  
C) Both technicians A and B  
D) Neither technician A nor B 1) \_\_\_\_\_
- 2) Which tier of emission standards became fully effective in 2009?  
A) Tier 3  
B) Tier 1  
C) Tier 2  
D) None of these 2) \_\_\_\_\_
- 3) What are the characters that are embedded in most engine blocks and are used for identification?  
A) Calibration codes  
B) Julian date  
C) Casting number  
D) VIN 3) \_\_\_\_\_
- 4) The tenth character represents the year of the vehicle. If the tenth character is a "Y" what year is the vehicle?  
A) 2002  
B) 1998  
C) 2004  
D) 2000 4) \_\_\_\_\_
- 5) Technician A says that calibration codes may be located on the PCM housing. Technician B says that some calibration codes must be accessed by a scan tool. Which technician is correct?  
A) Technician A only  
B) Technician B only  
C) Both technicians A and B  
D) Neither technician A nor B 5) \_\_\_\_\_
- 6) Vehicles with a bin number of 3 have \_\_\_\_\_ than vehicles with a bin number of 1.  
A) Less emissions  
B) The same emissions  
C) More emissions  
D) None of these 6) \_\_\_\_\_
- 7) What is true of ULEV II vehicles?  
A) It has been certified under phase II standards  
B) HC and CO levels are nearly 50% lower than LEV II vehicles  
C) Both A and B  
D) Neither A nor B 7) \_\_\_\_\_
- 8) The first character of the vehicle identification number is the country of origin. Where was the vehicle built that has a "5" as the first character?  
A) Canada  
B) Japan  
C) United States  
D) Mexico 8) \_\_\_\_\_
- 9) Tier 1 standards \_\_\_\_\_.  
A) May be different for cars and light trucks  
B) Went into effect in 1994  
C) Both A and B  
D) Neither A nor B 9) \_\_\_\_\_
- 10) The VECI label includes all of these EXCEPT \_\_\_\_\_.  
A) Valve lash  
B) Horsepower and torque rating of the engine  
C) Engine identification  
D) Spark plug type and gap 10) \_\_\_\_\_

- 11) The passenger side in the United States is the \_\_\_\_\_. 11) \_\_\_\_\_  
 A) Right side  
 B) Left side  
 C) Either right or left side, depending on how the vehicle is viewed  
 D) Both A and B
- 12) Which agency has the strictest emission standards? 12) \_\_\_\_\_  
 A) EPA                                      B) SAE                                      C) CARB                                      D) None of these
- 13) The \_\_\_\_\_ the bin number, the cleaner the vehicle. 13) \_\_\_\_\_  
 A) Higher                                      B) Lower
- 14) If the first character of the VIN is an "S", where was the vehicle made? 14) \_\_\_\_\_  
 A) United States                              B) Mexico                                      C) Canada                                      D) England
- 15) The VIN identification for model year follows a pattern that repeats every \_\_\_\_\_ years 15) \_\_\_\_\_  
 A) 24                                      B) 12                                      C) 30                                      D) None of these
- 16) Where can vacuum hose routing information be found? 16) \_\_\_\_\_  
 A) VECI                                      B) Vehicle safety certification label  
 C) VIN                                      D) None of these
- 17) Where can the VECI label be found? 17) \_\_\_\_\_  
 A) Under the hood                                      B) Lower left corner of the windshield  
 C) Drivers door jam                                      D) None of these
- 18) The vehicle safety certification label includes \_\_\_\_\_. 18) \_\_\_\_\_  
 A) Month and year of manufacture                                      B) VIN  
 C) Gross vehicle weight rating                                      D) All of these
- 19) Zero emission vehicles (ZEV) \_\_\_\_\_. 19) \_\_\_\_\_  
 A) Produce zero tailpipe emissions                                      B) Are either electric or fuel cell powered  
 C) Both A and B                                      D) Neither A nor B
- 20) A vehicle with the engine in the front can be \_\_\_\_\_. 20) \_\_\_\_\_  
 A) Four wheel drive                                      B) Rear wheel drive  
 C) Front wheel drive                                      D) Any of these