

Name _____

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

- 1) NO_x readings at idle should be less than _____. 1) _____
A) 100 ppm
B) 10 ppm
C) 1 ppm
D) None of these is correct
- 2) Technician A says that high HC emission levels are often caused by a fault in the ignition system. Technician B says that high CO₂ emissions are usually caused by a richer-than-normal air-fuel mixture. Which technician is correct? 2) _____
A) Technician A only
B) Technician B only
C) Both technicians
D) Neither technician
- 3) Which gas is generally considered to be the rich indicator? (The higher the level of this gas, the richer the air-fuel mixture.) 3) _____
A) HC
B) CO
C) CO₂
D) O₂
- 4) A dizzy feeling or a headache could indicate the presence of carbon monoxide (CO). 4) _____
A) True
B) False
- 5) Which of these could be the cause of excessive HC readings? 5) _____
A) Worn spark plugs
B) Loose spark plug wires
C) A clogged fuel filter
D) All of these
- 6) A vehicle is undergoing a SHED test. What is being measured? 6) _____
A) Evaporative emissions
B) Tail pipe gasses
C) Lighting pollution
D) Zero emissions
- 7) All of the gasses are measured in percentages EXCEPT _____. 7) _____
A) HC
B) CO
C) CO₂
D) O₂

- 8) Oxides of nitrogen results from a combination of nitrogen and _____. 8) _____
A) Hydrogen
B) Carbon
C) Oxygen
D) Nitrogen
- 9) Most high milage vehicles cannot pass an exhaust emission test. 9) _____
A) True
B) False
- 10) HC and CO are high and CO₂ and O₂ are low. This could be caused by a _____. 10) _____
A) Rich mixture
B) Lean mixture
C) Defective ignition component
D) Clogged EGR passage

Answer Key

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- 1) A
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- 2) A
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- 3) B
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- 4) A
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- 5) D
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- 6) A
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- 7) A
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- 8) C
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- 9) B
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- 10) A
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