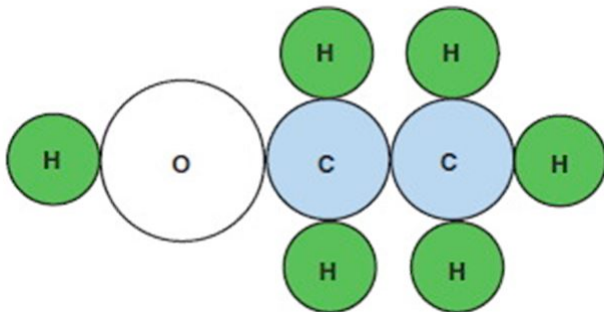


Name _____

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

- 1) Using ethanol-enhanced or reformulated gasoline can result in reduced fuel economy. 1) _____
A) True
B) False
- 2) The shelf life of oxygenated fuels is about _____ days. 2) _____
A) 90
B) 9
C) 10
D) 900
- 3) The fuel pump in a flex fuel vehicle uses _____ on the armature commutator. 3) _____
A) Graphite
B) Copper
C) Lead
D) Stainless steel
- 4) Which statement is NOT true? 4) _____
A) Ethanol has a lower octane than gasoline
B) Gasoline has more heat energy than ethanol
C) Using E85 will result in slightly better fuel economy compared to using gasoline or E10
D) Pure ethanol is drinkable and is the alcohol used in beer and wine
- 5) Why is alcohol considered to be an oxygenated fuel? 5) _____
A) It burns in the presence of oxygen
B) It burns in the absence of oxygen
C) The fuel itself contains oxygen
D) Oxygen and alcohol combine to form a gel
- 6) This diagram shows a molecule of _____. 6) _____



- A) Ethanol
B) Methanol
C) Gasoline
D) Propane

- 7) Some General Motors flex fuel vehicles do not use a fuel sensor to measure the percentage of ethanol in the fuel. These vehicles use _____ as a base fuel to calculate the percentage using oxygen sensor readings. 7) _____
- A) Gasoline with 10% or less ethanol content
 - B) E85
 - C) Indolene
 - D) 50% gasoline /50% ethanol
- 8) A flex-fuel vehicle has enhanced fuel system components that include all of these EXCEPT _____. 8) _____
- A) Low temperature resistant O-rings
 - B) Stainless steel fuel rails
 - C) Corrosion resistant fuel injectors
 - D) Corrosion resistant fuel pump
- 9) A flex-fuel vehicle burning E85 (85% ethanol) gets _____ fuel milage when compared to straight gasoline. 9) _____
- A) Less
 - B) More
 - C) The same
 - D) Twice as much
- 10) The fuel cap on a flex fuel vehicle may be _____ in color. 10) _____
- A) Yellow
 - B) Green
 - C) Red
 - D) Black with white stripes

Answer Key

Testname: HYBRID4_5A

1) A

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2) A

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3) A

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4) C

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5) C

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6) A

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7) A

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8) A

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9) A

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10) A

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