

Name _____

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

- 1) Technician A says that the variable cylinder management system disables the rear three cylinders on the Accord V-6 HEV during steady-speed operation. Technician B says that the variable cylinder management system works by disabling the ignition system for each cylinder that is disabled. Which technician is correct? 1) _____
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician

- 2) Which model was Honda's first production HEV? 2) _____
 - A) Insight
 - B) Accord
 - C) Civic
 - D) CRX

- 3) The state of charge of the high-voltage batteries is usually commanded to be _____. 3) _____
 - A) 50% to 80%
 - B) 10% to 50%
 - C) 10% to 70%
 - D) 80% to 100%

- 4) The speedometer on Honda Accord hybrid electric vehicles sold in the US is only configured to display MPH. 4) _____
 - A) True
 - B) False

- 5) The high-voltage batteries used in Honda hybrid electric vehicles are _____. 5) _____
 - A) One large battery module
 - B) 144 one-volt batteries
 - C) Made up of D-cell size batteries
 - D) 12 VRLA batteries connected in series

- 6) Technician A says that currently all Honda hybrid electric vehicles feature four cylinder gasoline engines. Technician B says that currently all Honda hybrid electric vehicles offer manual transaxles. Which technician is correct? 6) _____
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician

- 7) Technician A says that the 2005 Civic can disable three of its four cylinders during deceleration by keeping their corresponding valves closed. Technician B says that this is done by using a four-piece rocker arm and four cam lobes for each valve. Which technician is correct? 7) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician
- 8) The ICEs in Honda HEVs can be started by which methods? 8) _____
- A) Auxiliary 12-volt starter motor
 - B) The Integrated Motor Assist motor
 - C) Both A and B
 - D) Neither A nor B
- 9) Technician A says that the ICE runs on a lean air-fuel mixture at low RPMs. Technician B says that the ICE runs on a rich air-fuel mixture at low RPMs. Which technician is correct? 9) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician
- 10) When the V6 Accord hybrid engine is operating on three cylinders, what is done to reduce the noise and vibration? 10) _____
- A) Retards the ignition timing to reduce noise and vibration in the cylinders
 - B) Uses active engine mounts
 - C) Uses active noise control
 - D) Both B and C are correct

Answer Key

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