

Name: _____ Date: _____

1. How is the Chevrolet Bolt's transmission lubricated and cooled?
 - A. Air-cooled system
 - B. Traditional radiator system
 - C. Liquid thermal management system
 - D. Passive cooling system

2. What is the typical operation of a single-speed transmission in an electric vehicle?
 - A. Provides multiple gear ratios
 - B. Allows for manual shifting
 - C. Delivers power directly without gear reduction
 - D. Uses a fixed gear ratio for efficiency

3. According to the maintenance schedule for a 2011 Nissan Leaf, what fluid should be used to fill the reducer?
 - A. Standard ATF
 - B. Nissan genuine Matic Fluid S
 - C. Motor oil
 - D. Gear oil

4. In a GM two-mode hybrid electric vehicle, when can the vehicle be powered by electric mode alone?
 - A. During the first mode
 - B. During the second mode
 - C. During either the first or second mode
 - D. During heavy load conditions regardless of mode

5. What modifications are made to automatic transmissions used in hybrid vehicles?
 - A. Electric auxiliary transmission drive
 - B. Modified torque converter lockup schedule
 - C. Hydraulic impulse storage actuator
 - D. None of the above

6. In a Toyota/Lexus hybrid electric vehicle, what is the purpose of MG1?
 - A. Start the ICE
 - B. Charge the HV battery
 - C. Provide additional power to MG2
 - D. Both A and B are correct

7. The oil pump in the Toyota/Lexus power-split hybrid system:
 - A. Only turns when the ICE is operating
 - B. Is located in the rear cover of the transmission behind MG2
 - C. Only turns when MG2 is operating
 - D. Both A and B are correct

8. The electric motor in the Ford/Lincoln 10R80 MHT transmission provides:

- A. Cold weather transmission protection
- B. Extra power
- C. Extra high-speed torque
- D. All of the above

9. How many forward speeds does the typical electric vehicle transmission have?

- A. One
- B. Two
- C. Three
- D. Four or more

10. In a Toyota/Lexus hybrid electric vehicle, how is reverse achieved?

- A. The ICE reverses direction and powers the drive wheels
- B. MG2 is used to power the vehicle in reverse
- C. MG1 is used to power the vehicle in reverse
- D. Either B or C depending on model and year

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Multiple Choice Quiz A

Answer Key

1. C

2. D

3. B

4. C

5. B

6. D

7. D

8. B

9. A

10. D