

Name _____

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

- 1) The torque converter clutch is controlled by a hydraulic clutch pedal. 1) _____
A) True
B) False

- 2) A vehicle creeps faster than normal when the engine is cold. What is the most likely cause? 2) _____
A) Normal operation
B) A TCC stuck in the applied position
C) A defective stator one-way clutch
D) Incorrect ATF

- 3) Technician A says that the torque converter impeller is attached to the flexplate and turns as the engine rotates. Technician B says that the turbine is attached to the flexplate and turns as the engine rotates. Which technician is correct? 3) _____
A) Technician A only
B) Technician B only
C) Both technicians
D) Neither technician

- 4) During the coupling phase in a torque converter, the stator one-way clutch remains locked. 4) _____
A) True
B) False

- 5) A torque converter should be checked by a technician for all of the following EXCEPT _____. 5) _____
A) Leaks
B) Proper balance
C) Stator one-way clutch operation
D) Turbine end play

- 6) The fluid flow from the impeller through the turbine and stator is called _____ flow. 6) _____
A) Rotary
B) Impeller
C) Vortex
D) Turbine

- 7) Creep is _____. 7) _____
A) Normal operation
B) Caused by slippage inside the torque converter
C) Causes the vehicle to move slightly when the engine is at idle speed and the transmission in a drive gear
D) All of the above

- 8) In most lock-up torque converters, lock-up occurs when the _____. 8) _____
- A) Fluid flow in the converter is reversed
 - B) Converter switch valve is moved by the lock-up solenoid
 - C) Turbine speed reaches a certain rpm
 - D) Converter speed reaches a certain rpm
- 9) Technician A says that the torque multiplication phase can occur when the stator one-way clutch begins to freewheel. Technician B says that the torque multiplication phase can occur when the stator one-way clutch locks up. Which technician is correct? 9) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician
- 10) During the coupling phase the _____. 10) _____
- A) Vortex flow nearly stops
 - B) Stator clutch locks
 - C) Rotary flow nearly stops
 - D) Flow stops

Answer Key

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1) B

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2) A

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3) A

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4) B

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5) B

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6) C

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7) D

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8) A

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9) B

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10) A

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