

Name _____

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

- 1) Tamper mode is when what occurs? 1) _____
A) The security lamp flashes about once per second if the system detects a bad key, lock cylinder, or security-related wiring problem. The engine will not start or if it does start, will not continue to run.
B) The security dash lamp comes on for 2 to 5 seconds for a bulb check when the ignition is turned on, then goes out.
C) The engine will start and run as normal except that the security warning light on the dash will be on all the time.
D) Any of the above, depending on the make, model, and year of the vehicle.
- 2) The security dash lamp comes on for 2 to 5 seconds and goes out. This indicates what condition? 2) _____
A) A fault has been detected in the key transponder
B) A fault has been detected in the wiring near the ignition lock cylinder
C) Normal security light operation
D) The system has entered tamper mode
- 3) The vehicle security transceiver antenna may be located _____. 3) _____
A) in the console
B) on the rear window defogger grid
C) at the key lock cylinder
D) under the passenger seat
- 4) What can occur if the immobilizer system is not working as designed? 4) _____
A) No crank condition (the starter does not operate)
B) The engine cranks but does not start
C) The engine starts but then almost immediately stalls
D) Any of the above
- 5) Some Ford security system keys can be programmed using _____. 5) _____
A) a lock programmer
B) two programmed keys
C) one original key
D) a door lock key
- 6) What is the purpose and function of an immobilizer system? 6) _____
A) To prevent entry inside the vehicle
B) Only allows the use of the ignition key that is properly matched to the lock cylinder
C) Prevents the vehicle from starting or running if the correct key is not used
D) Requires that the driver enter a password to start the vehicle

- 7) If an immobilizer-related fault occurs, what symbol is likely to be displayed on the dash? 7) _____
- A) "IM"
 - B) A padlock symbol
 - C) The "check engine" light
 - D) The "service engine soon" light
- 8) A General Motors Passkey III system has the transponder located in the _____. 8) _____
- A) cylinder coil
 - B) lock magnets
 - C) head of the key
 - D) key fob
- 9) An immobilizer fault may occur if the _____. 9) _____
- A) key is dropped onto a hard surface
 - B) key gets wet
 - C) key is exposed to any kind of magnetic field
 - D) Any of the above
- 10) What does the battery in the key fob power? 10) _____
- A) The shock sensor
 - B) The remote keyless entry (RKE) transmitter
 - C) The immobilizer circuit
 - D) Both the remote keyless entry and the immobilizer circuit

Answer Key

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1) A

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2) C

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3) C

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4) D

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5) B

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6) C

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7) B

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8) C

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9) D

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10) B

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