

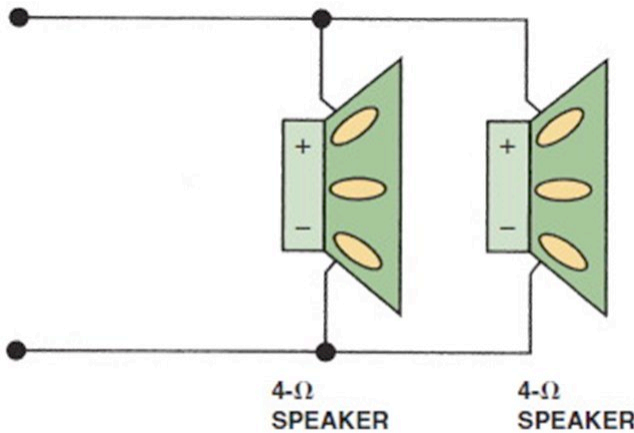
Name _____

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

1) Technician A says that crossovers are used to block certain frequencies to allow each type of speaker to perform its job better. Technician B says that a high-pass filter is used to block high-frequency sounds being sent to large woofer speakers, and a low-pass filter blocks low-frequency sounds being sent to tweeters. Who is right? 1) _____

- A) Technician A only
- B) Technician B only
- C) Both technicians
- D) Neither technician

2) These speakers have a combined impedance of _____. 2) _____



- A) 2 ohms
- B) 8 ohms
- C) 12 ohms
- D) 16 ohms

3) A Bluetooth signal can typically travel _____. 3) _____

- A) 33 feet
- B) 10 meters
- C) 10 feet
- D) both A and B

4) To safely install a powerline capacitor, it must first be _____. 4) _____

- A) precharged
- B) discharged
- C) uncharged
- D) grounded

- 5) An antenna lead-in wire should have how many ohms of resistance between the center terminal and the grounded outer covering? 5) _____
A) Less than 5 ohms
B) 5-50 ohms
C) 300-500 ohms
D) Infinity (OL)
- 6) All of these can cause radio interference, EXCEPT _____. 6) _____
A) defective alternator
B) fault in the ignition system
C) loose ground wire
D) open in the radio power circuit
- 7) If two 4 ohm speakers are connected in series, meaning the positive (+) of one speaker is connected to the negative (-) of the other speaker, the total impedance will be _____. 7) _____
A) 8 ohms
B) 6 ohms
C) 4 ohms
D) 2 ohms
- 8) What device passes AC interference to ground and blocks DC voltage, and is used to control radio interference? 8) _____
A) Resistor
B) Capacitor
C) Coil (inductor)
D) Transistor
- 9) XM radio service uses _____ to transmit the audio signal. 9) _____
A) satellites
B) repeater towers
C) both A and B
D) neither A nor B
- 10) Which of these tools is used to test for a reading of infinity between the center antenna lead and the antenna? 10) _____
A) Voltmeter
B) Ohmmeter
C) Test light
D) Powered test light

Answer Key

Testname: AT6_62B

1) A

Page Ref: 743

2) A

Page Ref: 742

3) D

Page Ref: 745

4) A

Page Ref: 744

5) D

Page Ref: 740

6) D

Page Ref: 747

7) A

Page Ref: 742

8) B

Page Ref: 747

9) C

Page Ref: 746

10) B

Page Ref: 740