

Name \_\_\_\_\_

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

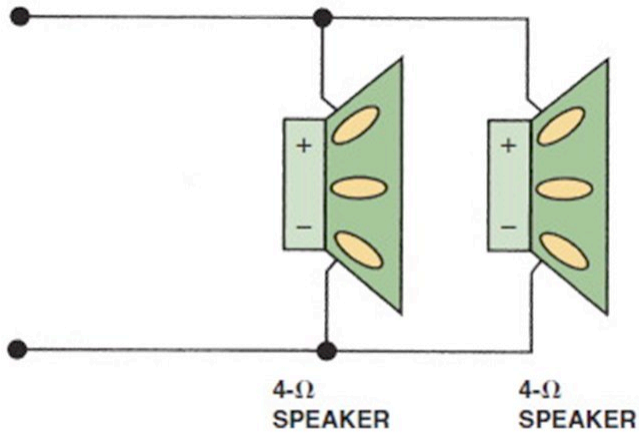
- 1) Technician A says that radios receive AM and FM signals that are broadcast through the air. 1) \_\_\_\_\_  
Technician B says that the radio antenna is used to induce a very large voltage signal as an input into the radio from the electromagnetic energy from the broadcast station. Who is right?  
A) Technician A only  
B) Technician B only  
C) Both technicians  
D) Neither technician
- 2) All of these can cause radio interference, EXCEPT \_\_\_\_\_. 2) \_\_\_\_\_  
A) defective alternator  
B) fault in the ignition system  
C) loose ground wire  
D) open in the radio power circuit
- 3) The voice recognition system microphone is usually located near the glove box door. 3) \_\_\_\_\_  
A) True  
B) False
- 4) The number of times a particular waveform repeats itself in a given amount of time (frequency) 4) \_\_\_\_\_  
is measured in \_\_\_\_\_.  
A) Hertz  
B) Coulombs  
C) Ersteads  
D) Watts
- 5) The satellite radio antenna can be mounted on a fiberglass or composite spoiler. 5) \_\_\_\_\_  
A) True  
B) False
- 6) 100,000  $\mu\text{F}$  means \_\_\_\_\_. 6) \_\_\_\_\_  
A) 0.10 farad  
B) 0.01 farad  
C) 0.001 farad  
D) 0.0001 farad
- 7) If two 4 ohm speakers are connected in series, meaning the positive (+) of one speaker is 7) \_\_\_\_\_  
connected to the negative (-) of the other speaker, the total impedance will be \_\_\_\_\_.  
A) 8 ohms  
B) 6 ohms  
C) 4 ohms  
D) 2 ohms

- 8) More than one signal can be carried by a radio wave using a process called \_\_\_\_\_.  
A) sideband operation  
B) frontband operation  
C) frequency modulation  
D) amplitude modulation

8) \_\_\_\_\_

- 9) These speakers have a combined impedance of \_\_\_\_\_.

9) \_\_\_\_\_



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

- 10) A Bluetooth signal can typically travel \_\_\_\_\_.

10) \_\_\_\_\_

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

## Answer Key

Testname: AT6\_62A

1) A

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2) D

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3) B

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4) A

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5) B

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6) A

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7) A

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8) A

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9) A

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10) D

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