

Name _____

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

- 1) 100,000 μF means _____. 1) _____
A) 0.10 farad
B) 0.01 farad
C) 0.001 farad
D) 0.0001 farad
- 2) An aftermarket satellite radio has poor reception. Technician A says that a lack of a proper ground plane on the antenna could be the cause. Technician B says that mountains or tall buildings can interfere with reception. Which technician is correct? 2) _____
A) Technician A only
B) Technician B only
C) Both technicians A and B
D) Neither technician A nor B
- 3) Technician A says that a braided ground wire is best to use for audio equipment to help reduce interference. Technician B says to use insulated 14 gauge or larger ground wire to reduce interference. Which technician is correct? 3) _____
A) Technician A only
B) Technician B only
C) Both technicians A and B
D) Neither technician A nor B
- 4) A voice recognition system can use spoken words or phrases to control all of these EXCEPT _____. 4) _____
A) navigation system
B) radio
C) climate control
D) cruise control
- 5) The number of times a particular waveform repeats itself in a given amount of time (frequency) is measured in _____. 5) _____
A) Hertz
B) Coulombs
C) Ersteads
D) Watts
- 6) If two 4-ohm speakers are connected in parallel, meaning positive (+) to positive (+) and negative (-) to negative (-), the total impedance will be _____. 6) _____
A) 8
B) 6
C) 2
D) 1

- 7) Which of these is a term used to describe when information is added to a constant frequency? 7) _____
- A) Carrier wave
 - B) Frequency
 - C) Period
 - D) Modulation
- 8) To safely install a power amplifier in-line capacitor, it must first be _____. 8) _____
- A) precharged
 - B) discharged
 - C) uncharged
 - D) grounded
- 9) Which of these is required for XM radio reception? 9) _____
- A) A special antenna
 - B) A paid subscription
 - C) Both A and B
 - D) Either A or B
- 10) Technician A says that a radio can receive AM signals, but not FM signals, if the antenna is defective. Technician B says that a good antenna should give a reading of about 500 ohms when tested with an ohmmeter between the center antenna wire and ground. Which technician is correct? 10) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians A and B
 - D) Neither technician A nor B

Answer Key

Testname: AEEP8_27B

1) A

Page Ref: 430

2) C

Page Ref: 432-433

3) A

Page Ref: 434

4) D

Page Ref: 431

5) A

Page Ref: 421

6) C

Page Ref: 426

7) D

Page Ref: 422

8) A

Page Ref: 430

9) C

Page Ref: 432

10) D

Page Ref: 422-423