

Name _____

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

- 1) Two technicians are discussing the DC coupling setting on a DSO. Technician A says that the position allows both the DC and AC signals of the waveform to be displayed. Technician B says that this setting allows just the DC part of the waveform to be displayed. Which technician is correct? 1) _____
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician

- 2) Which is the correct voltage division setting for testing a throttle position sensor? 2) _____
 - A) 1V
 - B) 10V
 - C) 5V
 - D) 3V

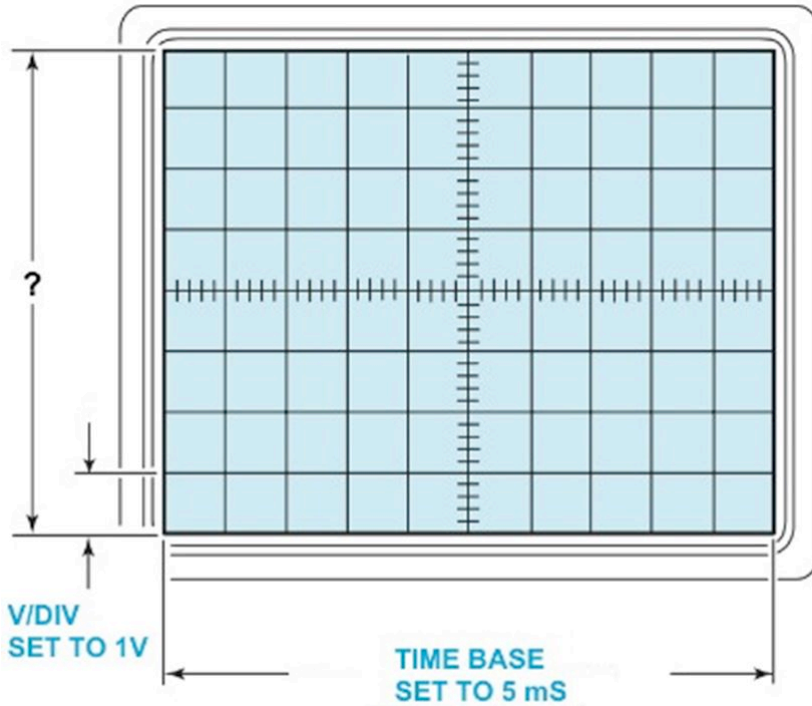
- 3) Cycles per second are expressed in _____. 3) _____
 - A) Hertz
 - B) Duty cycle
 - C) Pulse width
 - D) Slope

- 4) Technician A says that analog scopes use an LCD display. Technician B says that digital scopes may use a CRT display. Which technician is correct? 4) _____
 - A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician

- 5) A digital meter that can show waveforms is a _____. 5) _____
 - A) DVOM
 - B) DMM
 - C) GMM
 - D) DSO

- 6) Oscilloscopes use what type of lead connector? 6) _____
 - A) Banana plugs
 - B) Double banana plugs
 - C) Single conductor plugs
 - D) BNC

7) With the scope set as shown, the maximum voltage to be measured is _____ and the time displayed will be _____.



- A) 1 volt; 1 second
- B) 8 volts; 50 mS
- C) 1 volt; 500 mS
- D) None of these

8) A signal showing the voltage of a battery displayed on a digital storage oscilloscope (DSO) is being discussed. Technician A says that the display will show one horizontal line above the zero line. Technician B says that the display will show a line sloping upward from zero to the battery voltage level. Which technician is correct?

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

9) Which of these terms is a measure of the actual on-time measured in milliseconds?

- A) Frequency
- B) Pulse width
- C) Period
- D) Amplitude

10) A throttle position sensor waveform is going to be observed. At what setting should the volts per division be set to see the entire waveform from 0 volts to 5 volts?

- A) 0.5 V/Div
- B) 1.0 V/Div
- C) 2.0 V/Div
- D) 5.0 V/Div

Answer Key

Testname: AEE6_10B

1) A

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2) A

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3) A

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4) B

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5) C

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6) D

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7) B

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8) A

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9) B

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10) B

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