

Name \_\_\_\_\_

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

- 1) Which of these terms is a measure of the actual on-time measured in milliseconds? 1) \_\_\_\_\_  
A) Frequency  
B) Pulse width  
C) Period  
D) Amplitude
  
- 2) Oscilloscopes use what type of lead connector? 2) \_\_\_\_\_  
A) Banana plugs  
B) Double banana plugs  
C) Single conductor plugs  
D) BNC
  
- 3) Which is the correct voltage division setting for testing an oxygen sensor? 3) \_\_\_\_\_  
A) 1V/div  
B) 2V/div  
C) 200mV/div  
D) 10mV/div
  
- 4) A digital storage oscilloscope is set to begin displaying a waveform when a certain voltage is detected. This minimum voltage is called \_\_\_\_\_. 4) \_\_\_\_\_  
A) Trigger level  
B) Threshold  
C) Trip  
D) None of these
  
- 5) A digital meter that can show waveforms is a \_\_\_\_\_. 5) \_\_\_\_\_  
A) DVOM  
B) DMM  
C) GMM  
D) DSO
  
- 6) Cycles per second are expressed in \_\_\_\_\_. 6) \_\_\_\_\_  
A) Hertz  
B) Duty cycle  
C) Pulse width  
D) Slope
  
- 7) 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? 7) \_\_\_\_\_  
A) Technician A  
B) Technician B  
C) Both technicians  
D) Neither technician

- 8) A time base setting of 1ms/div will show a total time of \_\_\_\_\_ on the scope display 8) \_\_\_\_\_
- A) 10 ms
  - B) 1 ms
  - C) 100 ms
  - D) None of these
- 9) 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? 9) \_\_\_\_\_
- A) Technician A
  - B) Technician B
  - C) Both technicians
  - D) Neither technician
- 10) \_\_\_\_\_ the time base setting reduces the number of samples per second. 10) \_\_\_\_\_
- A) Increasing
  - B) Decreasing
  - C) Dividing
  - D) None of these

## Answer Key

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1) B

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2) D

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3) C

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4) A

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5) C

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6) A

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7) B

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8) A

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9) A

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10) A

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