

Name \_\_\_\_\_

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

- 1) A time base setting of 1ms/div will show a total time of \_\_\_\_\_ on the scope display 1) \_\_\_\_\_
  - A) 10 ms
  - B) 1 ms
  - C) 100 ms
  - D) none of these
  
- 2) Setting the time base to 50 ms per division will allow the technician to view a waveform how long in duration? 2) \_\_\_\_\_
  - A) 50 ms
  - B) 200 ms
  - C) 400 ms
  - D) 500 ms
  
- 3) 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? 3) \_\_\_\_\_
  - A) Technician A only
  - B) Technician B only
  - C) Both technicians
  - D) Neither technician
  
- 4) Voltage signals (waveforms) that do not go below zero are called \_\_\_\_\_. 4) \_\_\_\_\_
  - A) AC signals
  - B) pulse trains
  - C) pulse width
  - D) DC coupled signals
  
- 5) A digital meter that can show waveforms is called 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) \_\_\_\_\_ the time base setting reduces the number of samples per second. 7) \_\_\_\_\_
  - A) Increasing
  - B) Decreasing
  - C) Dividing
  - D) None of these

- 8) Technician A says that voltage is usually indicated on the horizontal display axis. Technician B says that time is usually indicated on the horizontal display axis. Which technician is correct? 8) \_\_\_\_\_
- A) Technician A only
  - B) Technician B only
  - C) Both technicians
  - D) Neither technician
- 9) Which of these is measured as a percentage? 9) \_\_\_\_\_
- A) Duty cycle
  - B) Dwell
  - C) Pulse width
  - D) None of these
- 10) A digital storage oscilloscope is set to begin displaying a waveform when a certain voltage is detected. This minimum voltage is called \_\_\_\_\_. 10) \_\_\_\_\_
- A) trigger level
  - B) threshold
  - C) trip
  - D) none of these

## Answer Key

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1) A

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2) D

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3) B

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4) B

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5) C

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6) A

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7) A

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8) B

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9) A

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10) A

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