

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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