

Name _____

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

- 1) _____ the time base setting reduces the number of samples per second. 1) _____
A) Increasing
B) Decreasing
C) Dividing
D) None of these

- 2) An oscilloscope display is called a _____. 2) _____
A) Grid
B) Graticule
C) Division
D) Box

- 3) Voltage signals (waveforms) that do not go below zero are called _____. 3) _____
A) AC signals
B) Pulse trains
C) DC signals
D) DC coupled signals

- 4) A typical DSO display screen is arranged in a(an) _____ grid. 4) _____
A) 8×10
B) 6×8
C) 8×8
D) None of these

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

- 6) Which of these terms is a measure of the actual on-time measured in milliseconds? 6) _____
A) Frequency
B) Pulse width
C) Period
D) Amplitude

- 7) Which type of oscilloscope displays all voltages without taking samples? 7) _____
A) Analog
B) Digital
C) Complex
D) None of these

- 8) Technician A says that an analog scope can store the waveform for viewing later. Technician B says that the trigger level has to be set on most scopes to be able to view a changing waveform. Which technician is correct? 8) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician
- 9) 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? 9) _____
- A) Technician A only
 - B) Technician B only
 - C) Both technicians
 - D) Neither technician
- 10) Which of these is measured as a percentage? 10) _____
- A) Duty cycle
 - B) Dwell
 - C) Pulse width
 - D) None of these

Answer Key

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- 1) A
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- 2) B
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- 3) B
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- 4) A
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- 5) B
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- 6) B
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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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