

Name _____

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

- 1) Voltage signals (waveforms) that do not go below zero are called _____. 1) _____
A) AC signals
B) pulse trains
C) pulse width
D) DC coupled signals

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

- 3) Which type of oscilloscope displays all voltages without taking samples? 3) _____
A) Analog
B) Digital
C) Complex
D) None of these

- 4) _____ the time base setting reduces the number of samples per second. 4) _____
A) Increasing
B) Decreasing
C) Dividing
D) None of these

- 5) Cycles per second are expressed in _____. 5) _____
A) hertz
B) duty cycle
C) pulse width
D) slope

- 6) Which of these is measured as a percentage? 6) _____
A) Duty cycle
B) Dwell
C) Pulse width
D) None of these

- 7) A time base setting of 1ms/div will show a total time of _____ on the scope display 7) _____
A) 10 ms
B) 1 ms
C) 100 ms
D) none of these

- 8) A digital storage oscilloscope is set to begin displaying a waveform when a certain voltage is detected. This minimum voltage is called _____. 8) _____
- A) trigger level
 - B) threshold
 - C) trip
 - D) none of these
- 9) A typical DSO display screen is arranged in an _____ grid. 9) _____
- A) 8×10
 - B) 6×8
 - C) 8×8
 - D) none of these
- 10) Oscilloscopes use what type of lead connector? 10) _____
- A) Banana plugs
 - B) Double banana plugs
 - C) Single conductor plugs
 - D) BNC

Answer Key

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1) B

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2) B

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3) A

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4) A

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5) A

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6) A

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7) A

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8) A

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9) A

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10) D

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