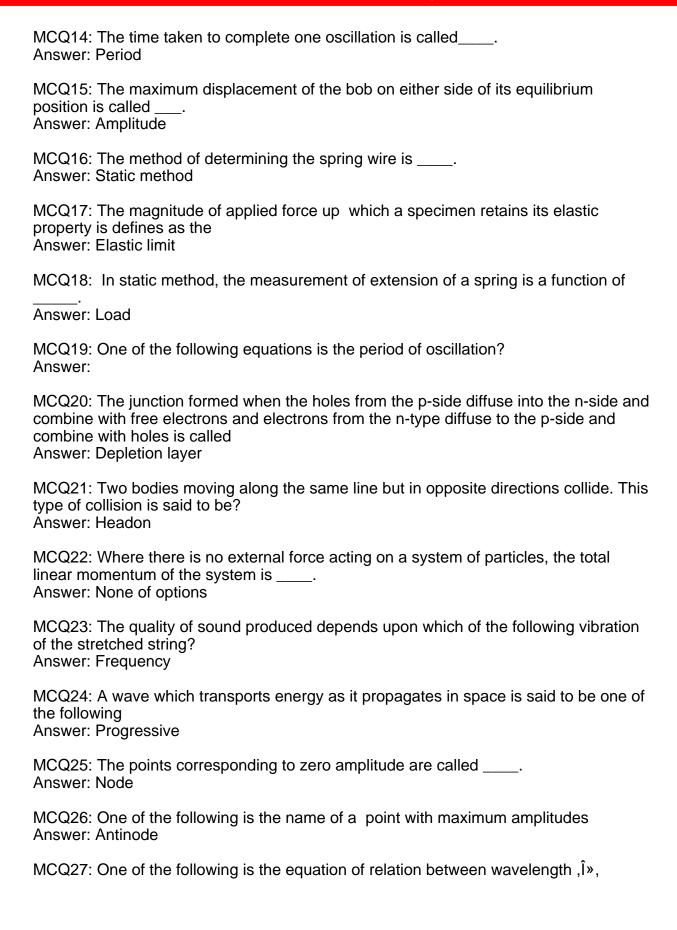
MCQ1: In semiconductor, the holes indicate the absence of Answer: Electrons MCQ2: Accuracy of a measurement is determined by Answer: Relative error MCQ3: The following are factors that affect the period of the simple pendulum bob **EXCEPT** Answer: Velocity MCQ4: If the time taken for twenty (20) oscillations in 2 minutes 50 seconds the period (T) is Answer: 8.5s MCQ5: Which of the following equation gives a relationship between period T and length I of the string for a simple pendulum? Answer: MCQ6: The main aim of the simple pendulum and bar pendulum is to determine the value of Answer: Acceleration due to gravity MCQ7: The process of gradually decreases in the amplitude of oscillations of the pendulum bob is called Answer: Damping MCQ8: Error due to wear and tear in the instrument is called Answer: Backlash error MCQ9: One of the following must be known in order to decide upon the type of a spring for a particular purpose, Answer: Spring constant MCQ10: The method of determining the spring wire is \_\_\_\_\_. Answer: Static method MCQ11: One of the following is a function of extension, in a static method of Experiment. ÂÂ Answer: Load MCQ12: The magnitude of applied force up to which a specimen retains its elastic property is defined as the Answer: Elastic limit MCQ13: Precision is a function of \_\_\_\_\_. Answer: Possible error



Tension, T and mass per unit length is

Answer: None of the options

MCQ28: The property of a wire to tend to come back to its original length when the

suspended weight is removed is called

Answer: Elasticity

MCQ29: The internal force that come to play within a body that is subjected to

deforming force is called

Answer: Restoring

MCQ30: The maximum stress a material can sustain without undergoing permanent

deformation is termed as

Answer: Elastic limit

MCQ31: Which of the following is the principle for measurement of low resistance

methods based

Answer: Wheatstone's bridge

MCQ32: Which of the following principle form the basis of many experiment instrument

in a physics laboratory

Answer: Whetstone's bridge

MCQ33: One of the following gives the relationship between electromotive force, E,

resistance, R length I, resistivity Ï□ and thermoelectric emf, e

Answer:  $e = (\Box E/R)I$ 

MCQ34: Which of the following is the circuit containing only a coil and a resistor in

series

Answer: RL-series

MCQ35: Which of the following is formed by combining a p-type semi-conductor with

an n-type semi-conductor (P-N)

Answer: P-n

MCQ1: In semiconductor, the holes indicate the absence of

Answer: Electrons

MCQ2: Accuracy of a measurement is determined by

Answer: Relative error

MCQ3: The following are factors that affect the period of the simple pendulum bob

**EXCEPT** 

Answer: Velocity

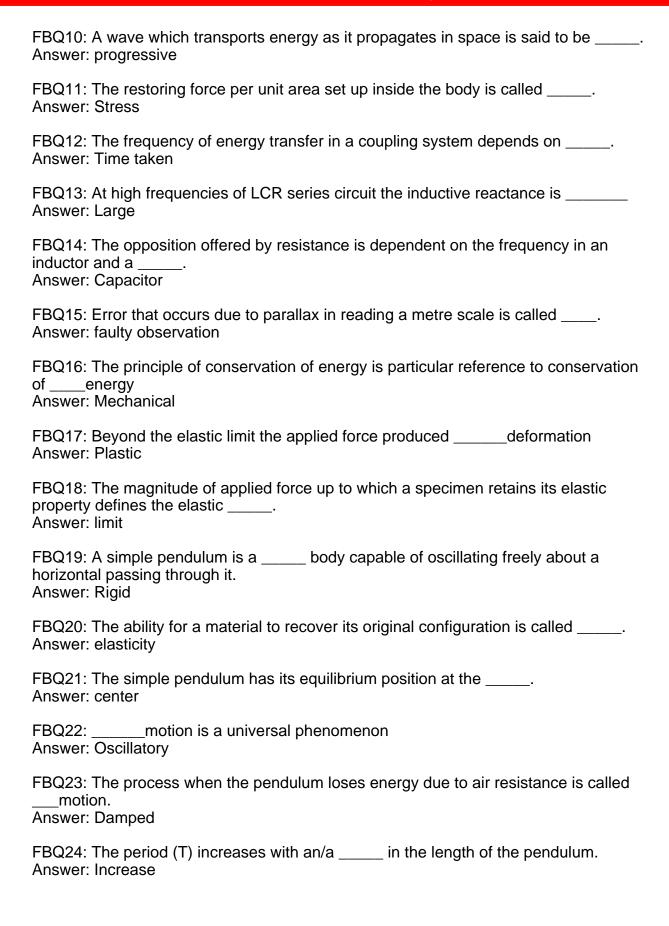
MCQ4: If the time taken for twenty (20) oscillations in 2 minutes 50 seconds the period

(T) is \_\_\_\_\_ Answer: 8.5s

MCQ5: Which of the following equation gives a relationship between period T and length I of the string for a simple pendulum? Answer: MCQ6: The main aim of the simple pendulum and bar pendulum is to determine the value of Answer: Acceleration due to gravity MCQ7: The process of gradually decreases in the amplitude of oscillations of the pendulum bob is called Answer: Damping MCQ8: Error due to wear and tear in the instrument is called Answer: Backlash error MCQ9: One of the following must be known in order to decide upon the type of a spring for a particular purpose, Answer: Spring constant MCQ10: The method of determining the spring wire is \_\_\_\_\_. Answer: Static method MCQ11: One of the following is a function of extension, in a static method of Experiment. ĂĂ Answer: Load MCQ12: The magnitude of applied force up to which a specimen retains its elastic property is defined as the Answer: Elastic limit MCQ13: Precision is a function of \_\_\_\_\_. Answer: Possible error MCQ14: The time taken to complete one oscillation is called\_\_\_\_. Answer: Period MCQ15: The maximum displacement of the bob on either side of its equilibrium position is called Answer: Amplitude MCQ16: The method of determining the spring wire is \_\_\_\_\_. Answer: Static method MCQ17: The magnitude of applied force up which a specimen retains its elastic property is defines as the Answer: Elastic limit

MCQ18: In static method, the measurement of extension of a spring is a function of Answer: Load MCQ19: One of the following equations is the period of oscillation? Answer: MCQ20: The junction formed when the holes from the p-side diffuse into the n-side and combine with free electrons and electrons from the n-type diffuse to the p-side and combine with holes is called Answer: Depletion layer MCQ21: Two bodies moving along the same line but in opposite directions collide. This type of collision is said to be? Answer: Headon MCQ22: Where there is no external force acting on a system of particles, the total linear momentum of the system is \_\_\_\_\_. Answer: None of options MCQ23: The quality of sound produced depends upon which of the following vibration of the stretched string? Answer: Frequency MCQ24: A wave which transports energy as it propagates in space is said to be one of the following Answer: Progressive MCQ25: The points corresponding to zero amplitude are called \_\_\_\_\_. Answer: Node MCQ26: One of the following is the name of a point with maximum amplitudes Answer: Antinode MCQ27: One of the following is the equation of relation between wavelength, î», Tension, T and mass per unit length is Answer: None of the options MCQ28: The property of a wire to tend to come back to its original length when the suspended weight is removed is called Answer: Elasticity MCQ29: The internal force that come to play within a body that is subjected to deforming force is called Answer: Restoring MCQ30: The maximum stress a material can sustain without undergoing permanent deformation is termed as Answer: Elastic limit

MCQ31: Which of the following is the principle for measurement of low resistance methods based Answer: Wheatstone's bridge MCQ32: Which of the following principle form the basis of many experiment instrument in a physics laboratory Answer: Whetstone's bridge MCQ33: One of the following gives the relationship between electromotive force, E, resistance, R length I, resistivity Ï□ and thermoelectric emf, e Answer:  $e = (\hat{I} \square E/R)I$ MCQ34: Which of the following is the circuit containing only a coil and a resistor in series Answer: RL-series MCQ35: Which of the following is formed by combining a p-type semi-conductor with an n-type semi-conductor (P-N) Answer: P-n FBQ1: In semi-conductor, the hole indicate the absence of Answer: Electrons FBQ2: Relative error is defined as the \_\_\_\_\_ to the total measurement. Answer: possible error FBQ3: The systematic error is also called \_\_\_\_\_ Answer: determinant error FBQ4: \_\_\_\_ waves are also refer to as standing wave. Answer: Stationary FBQ5: The ratio of longitudinal stress to strain within the elastic limit is Â-Â-Answer: Young modulus FBQ6: The \_\_\_\_\_ displacement of bob on either side of its equilibrium position is called amplitude. Answer: Maximum FBQ7: The points corresponding to zero amplitude are called \_\_\_\_\_. Answer: Nodes FBQ8: An isolated system vibrates with its natural \_\_\_\_\_. Answer: Frequency FBQ9: The change in length per unit original length of the wire is called \_\_\_\_. Answer: Longitudinal strain



FBQ25: The length of the pendulum can be determined by adding the length of the string with the of the pendulum bob.  Answer: radius
FBQ26: Atime is a more accurate automatic switching device. Answer: Digital
FBQ27: As the temperature increases, the conductivity of the semi-conductorAnswer: increases
FBQ28: An ordinary stopwatch has a least count of Answer: 0.1seconds
FBQ29: The time taken by the pendulum to complete one oscillation is called  Answer: Period
FBQ30: The value of certain physical qualities can be determined from the slopes of a line of graph.  Answer: Straight
FBQ31: The fluctuation in the many times repeated measurement of the same quantity is callederror. Answer: Random
FBQ32: Error that occurs as a result of zero marking of the metre scale that has been worn out is called Answer: End correction
FBQ33: The systematic errors is also callederrors Answer: Determinant
FBQ34: unit is used when measuring the inter-city distances Answer: Kilometer
FBQ35: If a coil and a capacitor appear in a series, it is calledcircuit