Click to download more NOUN PQ from NounGeeks.com
A-PDF Watermark DEMO: Purchase from www.A-PDF.com to remove the watermark

FBQ1: The frequency of energy transfer in a coupling system depends on ___.
Answer: *Time taken*

FBQ2: At high frequencies of LCR series circuit the inductive reactance is _____
Answer: *Large*

FBQ3: Error due to wear and tear in instruments such as screw gauge or spherometer due to defective fittings is called_____
Answer: *Back lash 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 simple pendulum has its equilibrium position at the ____.
Answer: *center*

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*

FBQ10: A wave which transports energy as it propagates in space is said to be _____.
Answer: *progressive*

FBQ11: The restoring force per unit area set up inside the body is called _____.
Answer: *Stress*

FBQ12: The type of error present if three or more observers carrying out an experiment separately and using the same set of instruments obtained different sets of values is known as___.
Answer: *Random error*

FBQ13: Errors which affect measurements in a regular way or in some constant proportion such as instrument errors arising from faulty instruments are _____.
Answer: *Systematic error*

FBQ14: The opposition offered by resistance is dependent on the frequency in an inductor and a _____.
Answer: *Capacitor*

FBQ15: The time interval between the input stimulus and its response is reaction ___.

Click to download more NOUN PQ from NounGeeks.com

Answer: *time*

FBQ16: The principle of conservation of energy is particular reference to conservation of ____energy
Answer: *Mechanical*

FBQ17: Beyond the elastic limit the applied force produced _____deformation
Answer: *Plastic*

FBQ18: The magnitude of applied force up to which a specimen retains its elastic property defines the elastic _____.
Answer: *limit*

FBQ19: A simple pendulum is a _____ body capable of oscillating freely about a horizontal passing through it.
Answer: *Rigid*

FBQ20: The ability for a material to recover its original configuration is called _____.
Answer: *elasticity*

FBQ21: Error that occurs as a result of zero marking of the metre scale that has been worn out is called ___.
Answer: *End correction*

FBQ22: _____motion is a universal phenomenon
Answer: *Oscillatory*

FBQ23: The process when the pendulum loses energy due to air resistance is called ___motion.
Answer: *Damped*

FBQ24: The period (T) increases with an/a _____ in the length of the pendulum.
Answer: *Increase*

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: A _____time is a more accurate automatic switching device.
Answer: *Digital*

FBQ27: As the temperature increases, the conductivity of the semi-conductor --------
Answer: *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*

Click to download more NOUN PQ from NounGeeks.com

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 called ____error.
Answer: *Random*

FBQ32: Errors arising from arithmetic miscounting a number of periods, faulty electrical contacts, wrong scale reading are ____.
Answer: *Erratic error*

FBQ33: The systematic errors is also called _____errors
Answer: *Determinant*

FBQ34: _____ unit is used when measuring the inter-city distances.
Answer: *Kilometer*

FBQ35: The semi-conductor formed that develops an excess of free electron is called ___.
Answer: *N-type*

Multiple Choice Questions (MCQs) For PHY220:
MCQ1: Which of the following is the circuit containing only a coil and a resistor in series?
Answer: RL-series

MCQ2: In static method the measurement of extension of a spring is a function of ___
Answer: length

MCQ3: The maximum displacement of the bob on either side of its equilibrium position is called _____
Answer: Period of oscillation

MCQ4: If the time taken for twenty (20) oscillations in 2 minutes 50 seconds the period (T) is _____
Answer: 10s

MCQ5: The time taken by the pendulum to complete one oscillation is known as ____
Answer: Period of oscillation

MCQ6: Pendulum bulb loses energy due to which of the following?
Answer: Air resistance

MCQ7: The process of gradually decreases in the amplitude of oscillations of the pendulum bob is called ___.
Answer: Damping

Click to download more NOUN PQ from NounGeeks.com

MCQ8: Error due to wear and tear in the instrument is called ___.
Answer: Random error

MCQ9: One of the following must be known in order to decide upon the type of a spring for a particular purpose,
Answer: Elastic limit

MCQ10: The method of determining the spring wire is _____.
Answer: Dynamic method

MCQ11: One of the following is a function of extension, in a static method of Experiment
Answer: Time

MCQ12: The magnitude of applied force up to which a specimen retains its elastic property is defined as the
Answer: strain

MCQ13: Precision is a function of ____.
Answer: Possible error

MCQ14: The time taken to complete one oscillation is called____.
Answer: Frequency

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: Dynamic method

MCQ17: The magnitude of applied force up which a specimen retains its elastic property is defines as the
Answer: Strain

MCQ18: In static method, the measurement of extension of a spring is a function of _____.
Answer: Length

MCQ19: Dynamical method in spring-mass system is based on which period of oscillation?
Answer: damped

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: Combined layer

MCQ21: Two bodies moving along the same line but in opposite directions collide. This type of collision is said to be?

Click to download more NOUN PQ from NounGeeks.com

Answer: head-on

MCQ22: Where there is no external force acting on a system of particles, the total linear momentum of the system is ____.
Answer: Non-conserve

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: Stationary

MCQ25: The points corresponding to zero amplitude are called ____.
Answer: Equilibrium

MCQ26: One of the following is the name of a point with maximum amplitudes
Answer: antinode

MCQ27: Where there is no external force acting on a system of particles, the total linear momentum of the system is ___
Answer: Non-conserve

MCQ28: The property of a wire to tend to come back to its original length when the suspended weight is removed is called ___
Answer: Elastic limit

MCQ29: The internal force that come to play within a body that is subjected to deforming force is called
Answer: Recall

MCQ30: The maximum stress a material can sustain without undergoing permanent deformation is termed as
Answer: Elastic

MCQ31: Which of the following is the principle for measurement of low resistance methods based
Answer: Potentiometer

MCQ32: The resistance to motion of a pendulum bulb is known as ____.
Answer: Impedance

MCQ33: The quality of sound produced depends upon which of the following vibration of the stretched string.
Answer: Frequency

MCQ34: A wave which transports energy as it propagates in space is said to be one of the following:

Click to download more NOUN PQ from NounGeeks.com

Answer: Stationary

MCQ35: The points corresponding to zero amplitude is called ___.
Answer: Equilibrium