

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	Two tuning forks have same natural frequency One of them is now loaded with wax. When both the forks are sounded together the will	A. Produce interference B. Produce vibrations C. Remain in resonance D. Produce beats
2	The amplitude of sound wave determines its	A. Pitch B. Loudness C. Reverberation D. Interference
3	The energy content of a wave is proportional to its.	A. Wave velocity B. Wave velocity squared C. Frequency D. Amplitude squared
4	The 1st condition of equilibriums satisfied if.	A. Linear acceleration is zero B. Angular acceleration is zero C. The vector sum of all the forces is zero D. The vector sum of all the torque is increase
5	A body is termed as perfectly elastic if.	A. It can move freely B. Its surface is perfectly smooth C. It is not affected by an external force D. It recovers the original shape when the deforming force is remover
6	Photo diodes are used as	A. Optical fibre receivers B. Automatic switching C. Logic circuits D. All of the above
7	The resolving power of an instrument increases as the wavelength of light used decreases, the magnifying power will	A. Remain the same B. Increases C. Decreases D. Have no relation between the two
8	If the force acting on a body is doubled its acceleration becomes.	A. Half B. Constant C. Double D. One fourth
9	Mean free path of gas molecules is inversely proportional to its.	A. Volume B. Pressure C. Temperature D. Weight
10	The Circular motion of a particle with constant speed is.	A. Periodic and SHM B. Periodic but not SHM C. linear and SHM D. Neither periodic nor SHM
11	Which six particles and their antiparticles interact by the weak interaction.	A. Leptons B. Hadrons C. Muons D. pi mesons
12	What is the triple point of water.	A. 273 .15 K B. 0 K C. 100 K D. 0 oC
13	Which of the following is an electrical insulator that can be polarized by an applied electric field.	A. Conductor B. Condenser C. Di electric D. Capacitor
14	The sum of positive and negative peak values are usually written as.	A. rms value B. p-p value C. Peak value D. Instantaneous value

15	An other name for electric P.E per unit charge is.	A. Electric intensity B. Electric field C. Electric potential D. Electric force
16	A device used to determine mass of an isotope quite accurately is known as.	A. Spectrometer B. Mass spectrometer C. Mass detector D. Electronic balance
17	Photophone was invented by	A. Graham bell B. Galileo C. Michelson D. Faraday
18	When a tennis balls is hit by a racket inasmuch a way that it spins as well as moves forward the velocity of the air on one side of the ball	A. Increases B. Decreases C. Remain constant D. Become zero
19	The rms value of emf in a circuit is given by a factor of.	A. 0.637 B. 0.7 C. 0.707 D. 1.11
20	Ohm's law is applicable to	A. Ohmic and non ohmic devices only B. Semiconductors only C. Metals only D. Insulators only