

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	A body of mass 1 kg hanging with a spring of spring constant 60 N m ⁻¹ is rotation in a horizontal circle The values of angular frequency will be.	A. 80 .94 Hz B. 89. 4 Hz C. 98. 4 Hz D. 108 . 6 Hz
2	In projectile motion, the body has	A. One component of velocity B. Two components of velocity C. Three components of velocity D. No component of velocity
3	Reverberation is the	A. Presence of large number of overtones B. presence of harsh and discordant notes C. Presence of ultrasonic vibrations D. Persistence of audible sound after the source has stopped
4	Which of these is not a method of charging.	A. Friction or rubbing B. Induction C. Contact or touching D. Convection
5	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
6	Balmer identified the spectral lines in the spectrum of hydrogen in	A. 1785 B. 1885 C. 1936 D. 1966
7	Half life of a radioactive elements 10 minutes If the initial cont. rate is 368 counts per minute for what time count rate reaches 32 counts per minute.	A. 20 minutes B. 40 minutes C. 80 minutes D. 120 minutes
8	Soap cleans the dirty clothes because.	A. Its chemical constituents are changed B. It increases the surface tension of its solution with water C. It increases the surface tension of its solution with water D. It is less dense than that of water
9	An Alpha particle is the same as	A. A helium nucleus B. A high speed electron C. A hydrogen nucleus D. Electromagnetic radiation of short wavelength
10	Which of the following properties of light does not vary with the nature of the medium.	A. Amplitude B. Frequency C. Wavelength D. Time period
11	Restoring force in SHM is.	A. Centripetal B. Frictional C. Conservative D. Non conservative
12	An object is -14 cm in front of a convex mirror The image 5.8 cm behind the mirror. What is the focal length of the mirror.	A. -4.1 cm B. -8.2 cm C. - 9.9 cm D. -20 cm
13	Which one of the following quantities is conserved in a nuclear reactor.	A. Energy only B. Mass only C. Momentum only D. Mass energy and momentum
		A. Stars - . .

14	Original source of biomass is.	B. Moon C. earth D. Sun
15	When a liquid is heated retaining its liquid state then its molecules gain.	A. K.E. B. P.E C. Heat energy D. Chemical energy
16	In Compton's effect the change in wavelength of a scattered photon is called.	A. Angle of emergence B. Angle of refraction C. Angle of deviation D. Compton shift
17	Which of the following has the maximum permeability.	A. Paramagnetic substances B. Ferromagnetic substances C. Diamagnetic substances D. Iron oxide
18	The centre of gravity of an object is also called.	A. Centre of buoyancy B. Centre of mass C. Centre of the body D. Torque
19	A piece of weighed wood just floats in water when placed in alcohol will	A. Float lower B. Float higher C. Stay as before D. Sink
20	The final image produced by a microscope is.	A. Real and erect B. Virtual and erect C. Real and inverted D. Virtual and inverted