

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	The near point of a person is 50 cm and his far point is 200 cm. The power of the lenses which his spectacles should have for reading will be	A. +D B. +2D C. +4D D. -2D
2	Which of the following is believed to be carrier of nuclear forces.	A. Lepton B. Meson C. Bason D. Baryon
3	Good acoustic implies	A. Obtaining as much reverberations as possible B. Making the reverberation as small as possible C. Obtaining the optimum of reverberations D. Eliminating reverberations
4	For capacitors connected in series.	A. The difference of potential is same for an B. The charge on each is the same C. The resultant capacitance is greater than D. The charge on each is not the same
5	The frequency of the fundamental mode of transverse vibration of a stretched wire 1,000 mm long is 256 Hz. When the wire is shortened to 400 mm at the same tension	A. 640 Hz B. 680 Hz C. 720 Hz D. 780 Hz
6	Real gases obey gas laws only at	A. Low pressure and high temperature B. High pressure and low temperature C. High pressure and high temperature D. Low pressure and low temperature
7	The power of lens in dioptres is	A. Its focal length in meters B. The reciprocal of its focal length in metres C. The reciprocal of length in metres D. The reciprocal of length in centimetres
8	A given mass of air occupies 12 m ² at normal atmospheric pressure if the pressure is increased to 4 times the original value without changing the temperature what volume will the air occupy.	A. 3 cm ³ B. 6 cm ³ C. 9 cm ³ D. 12 cm ³
9	A polaroid is	A. A red light filter B. A device used for analyzing polarized light C. A device used in polarimeter D. An adjustable shutter
10	When a conductor situated in a dielectric is charged the energy resides.	A. Only on the dielectric B. Only on medium surrounding charge C. On the dielectric and medium both D. Only on the type of the charge
11	In the free expansion of a perfect gas there is no.	A. work done B. Heat exchanged C. Internal energy changed D. All of the above
12	The pitch of sound is determined by its	A. Speed B. Frequency C. Direction D. Number of beats
		A. Increases with increase in pressure

13	Velocity of sound in air at a given temperature	B. Is independent of the pressure C. Decreases with increases in density D. Increases with increase in density
14	Which of the following is not essential for the free oscillations of a mass attached to a spring.	A. Elasticity B. Gravity C. Inertia D. Restoring force
15	Persistence of vision is the phenomenon of the eye by which an afterimage is thought to persist for approximately one twenty fifth of a second on the.	A. Retina B. Heart C. Mind D. Liver
16	A mass accelerates uniformly when the resulting force acting on it.	A. is zero B. Is constant but not zero C. Increases uniformly w.r.t time D. Is proportional to the displacement of the mass from a fixed point
17	A part of electromagnetic spectrum that can be detected by the human eye	A. Angle of incidence B. Angle of refraction C. Light D. Angle of reflection
18	Planets move around the sun due to.	A. Centrifugal force B. Centripetal force C. Gravitational pull between them D. Frictional force between them
19	The angular frequency time period and frequency in SHM not depend upon.	A. Mass B. Force constant C. Amplitude D. Restoring force
20	Maximum number of orders available with a grating is.	A. Independent of grating element B. Directly proportional to grating element C. Inversely proportional to grating element D. Directly proportional to wavelength