

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	The SI unit of modulus of elasticity us	A. N m-2 B. N m-1 C. N m D. N m -3
2	Mean free path in a gas is the	A. Distance travelled by a molecule before hitting a wall B. Average distance travelled by a molecule in one second C. Average distance travelled between molecules between any two successive collisions D. Root mean square velocity
3	The circular motion of a particles with constant speed is.	A. Periodic and SHM B. Periodic but not SHM C. SHM and not periodic D. Neither periodic nor SHM
4	To obtain is parallel beam from the headlight of a car it must be fitted with.	A. A convex mirror B. A concave mirror C. A convex lens D. A concave lens
5	The law of equation of energy is applicable to the system whose constituents are.	A. At rest B. In orderly motion C. in random motion D. Moving at constant speed
6	In which thermodynamic process enthalpy of the system remains constant.	A. Isenthalpic process B. Isolated process C. Isobaric process D. Isochoric process
7	At high altitudes, the blood flows out of nose and ear because.	A. Blood pressure increase at high altitudes B. Percentage of oxygen in the air increase C. Atmospheric pressure decreases there D. Density of blood decreases of high altitudes
8	The simple form of particle accelerator is.	A. Cathode ray tube B. Oscillator C. _{Amplifier} D. Phase locked loop
9	A pure capacitor is connected in an AC circuit The power factor of the circuit will be.	A. Unity B. Infinity C. 0.5 D. Zero
10	Surface tension of a liquid may be defined as	A. Heat energy per unit area B. P.E. per unit area C. surface energy per unit area D. K.E. per unit area
11	Which given element has lowest work function	A. Na B. Al C. si D. C
12	The energy transmitted per second though unit are held perpendicular to the direction of propagation of the wave is called.	A. Intensity of sound B. Pitch of sound C. Loudness of sound D. Quality of sound
13	X-rays are similar in nature to.	A. Alpha particles B. Beta particles C. Gama rays D. Photons
14	The maximum height reached by a projectile with a velocity of 14 m s-1 at an angle of 30	A. 1.5 m B. 2.5 m

		^O with the horizontal is.	C. 1 m D. 2 m
	15	Push pull amplifiers employ	A. One transistor B. Two transistors C. Three transistors D. Four transistors
	16	In a half wave rectifier the rms value of the A.C. component of the wave is.	A. Less than D.C. value B. Great her than D.C. value C. Equal to D.C. value D. Zero
	17	Which of the following does not produced an erect image.	A. Galilean telescope B. Terrestrial telescope C. Prism binoculars D. Astronomical telescope
	18	Where is the velocity of electrons maximum in a diode.	A. Near the cathode B. Near the anode C. In the space ini between the two elecrode. D. It is same throughout the tube
	19	An object travels at constant speed around a circle of radius 1.0 m in 1.0 s the magnitude of its acceleration is.	A. zero B. 1.0 m s-2 C. 2 m s-2 D. 4 pi2 m s-2
:	20	When net force acting on a system is zero which of the following will be constant.	A. Force B. Linear momentum C. Angular momentum D. Linear impulse