

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	Two waves of the same frequency and amplitude travelling in opposites directions along the same path in the same medium produce.	A. Stationary waves B. Transverse wave C. Longitudinal waves D. Compressional waves
2	Internal energy of a gas decreased when	A. It gains heat B. Change in cycle C. Change in adiatatic D. Change in reversible
3	On which of the following the object size as perceived by eye depends upon.	A. Actual size of the object B. Aperture of the pupil C. Object distance from the eye D. Size of the image formed on the retina
4	Why are charged capacitors dangerous.	A. They can leak a harmful chemicals B. They can cause loss of vision C. They can release a lethal charge D. They can release gama rays.
5	The index of refraction depends on	A. the focal length B. The speed of light C. The image distance D. The object distance
6	The practical efficiency of a heat engine is	A. 25% to 30.5 % B. 35% to 45% C. 30% to 45% D. 15% to 25%
7	The diameter of a lens is called.	A. Focal length B. Principal axis C. Optical centre D. Aperture
8	Frequency of second pendulum is.	A. 0.5 Hz B. 1.0 Hz C. 1.5 Hz D. 2.0 Hz
9	Short sightedness in the eye occurs due to the.	A. Contraction of eyeball B. Increases in focal length of eye lens C. Reduction in focal length of eye lens D. Reduction in distance between retina and eye lens
10	Which of the following quantities is analogous to mass in electricty.	A. Charge B. Potential C. Capacitance D. Inductance
11	When a sound source moves towards a stationary observer there is.	A. An apparent increase in wavelength B. An apparent increase in frequency C. an apparent decreases in frequency D. A change in the velocity of the sound
12	An electric Heater and a fan are marked 1000 W, 250 V and 100 W , 220 V respectively The resistance of fan is.	A. Equal to that of heater B. Greater than that of heater C. Less than that of heater D. Zero
13	Magnetic effect of current was discovered by	A. Faraday B. Fleming C. Oersted D. Ampere
		A. Momentum increase 4 time and K.E. increase 2 times B. Momentum increases 2 times and

14	If velocity is doubled then	K.E. remains constant C. Momentum increases 2 times and K.E. increases 4 times D. Both momentum and K.E. remain constant
15	If two gases have same reduced pressure volume and temperature it is according to	A. Boyle's law B. Charles law C. Law of corresponding state D. Zeroth law
16	If the source of emf is traversed from negative to positive terminal the potential charge.	A. Is negative B. Is positive C. Is zero D. Remain the same
17	Which of the following is electromagnetic wave.	A. X rays B. Micro waves C. Light D. All of these
18	When a pentavalent material like arsenic is added to a tetravalent material such as germanium, we get a.	A. n-type material B. p -type material C. diode D. super conductor
19	A body is thrown vertically upward with initial velocity 9.8 ms-1 it will reach the height.	A. 4.9 m B. 19.9 m C. 29.4 m D. 49.2 m
20	With increase in temperature the angle of contact of liquid.	A. Increases B. Decreases C. Becomes zero D. First increase then decreases