

## PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	The pressure of a gas is directly proportion to	A. Mean velocity of the molecules B. Mean square velocity of the molecules C. Root mean square velocity of the molecules D. Instantaneous velocity of the molecules
2	At low frequency the value of resistance of certain capacitors is.	A. small B. Large C. Moderate D. Unmeasurable
3	What happen to entropy in an irreversible cycle.	A. No gain in entropy B. No change in entropy C. Loss of entropy D. A net gain of entropy
4	The action and reaction forces	A. Must act upon the same body B. Must act upon different bodies C. Must be equal in magnitude but need not have the same line of action. D. Different speed at the different height during ascent and during descent.
5	Sound wave in air are	A. Longitudinal waves B. Transvers waves C. Electromagnetic waves D. Matter waves
6	x-rays cannot produce	A. Photoelectron B. Compton electron C. Electron positron pair D. All of these
7	if temperature on Celsius scale is 50 °C the temperature on Fahrenheit scale will be.	A. 102 °F B. 108 °F C. 112 °F D. 122 °F
8	If an object moves with velocity of light the apparent length of the object moving the direction of motion becomes.	A. Larger B. Smaller C. Zero D. Infinity
9	A ray of light from air into glass The angle of incidence is 30° if the refractive index of glass is 1.52 The angle of refraction will be.	A. 16.7 ° B. 19.3 ° C. 29.6 ° D. 39.3 °
10	The image of distant object as seen through an astronomical telescope is.	A. Real and inverted B. Virtual and inverted C. Real and erect D. Virtual and erect
11	A simple astronomical telescope consists of two	A. Concave lenses B. Convex mirrors C. Convex lenses D. Plano convex lenses
12	Which of the following is a set of supplementary units.	A. Radian and steradian B. Radian and mole C. Steradian and candela D. Radian and kelvin
13	The force exerted by two charged bodies on another obeys Coulomb's law provided that	A. Both bodies are in the same medium B. the charges are not too great C. One body does not lie inside the other D. The linear dimensions of the body are very much less than the distance between the bodies.

14	The total number nucleons in a nucleus are called.	A. Mass number B. Atomic number C. Neutron number D. Isotopes
15	At which temperature a ferromagnetic material becomes paramagnetic on heating.	A. Kelvin temperature B. Celsius temperature C. Curie temperature D. Fahrenheit temperature
16	When the deforming force applied on a body produces change in length then it is said to be	A. Tensile stress B. compression stress C. Shear stress D. Shear modulus
17	In a transistor which one is very thin.	A. Collector B. Emitter C. Base D. Depletion region
18	A device used to detect and measure charge is.	A. A voltmeter B. An ammeter C. An electroscope D. An amplifier
19	The dimensions of stress are	A. $[MLT^{-1}]$ B. $[ML^{-1} T]$ C. $[ML^{-1}T^{-1}]$ D. $[ML^{-1}T^{-2}]$
20	Solar cells are thin sand whishes of	A. good conductors B. Bad conductors C. Semi conductor D. Insulators