

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	Velocity of sound in any medium deepness upon.	A. Elasticity B. Density C. Volume D. Mass
2	Ionization of a hydrogen atom originally in its ground state takes a minimum out of energy equal to.	A. 2.4 J B. 4.2 J C. 12.3 eV D. 13.6 eV
3	A type of resistor whose resistance varies significantly with temperature is.	A. Thermistor B. Thermocouple C. Strain gauge D. Potentiometer
4	The ratio of stress to strain is called.	A. Bulk modulus B. Young's modulus C. Modulus of elasticity D. Shear modulus
5	The relation between angle of incidence and angle of refraction is known as.	A. Snell's law B. Refractive index C. Index of refraction D. All of the above
6	The particles less in mass than protons are	A. Measos B. Bosons C. Baryons D. Nucleons
7	The work done in moving a body from one place to another in a gravitational field is independent of the	A. applied force B. Force of gravity C. Path followed by the body D. Force of earth
8	A resistor connected to a battery is heated due to current passing through it. Which of the following quantity does not change.	A. Resistivity B. Resistance C. Number of free electrons D. Drift velocity
9	Why a positively charged object is made neutral by someone touching it.	A. Electrons flow from the object B. Protons flow onto the object C. Protons flow from the object D. Protons flow onto the object
10	when a body accelerates.	A. Its direction always changes B. Its mass always changes C. Its velocity always changes D. It falls towards the earth
11	The reciprocal of decay constant lamda of a radioactive element is.	A. Half life B. Mean life C. Total life D. Curie
12	A heat sensitive resistor is called.	A. Thermistor B. Varibale resistor C. Fixed resistor D. Zero resistor
13	The horizontal range is equal for the angles.	A. 30 ^o and 45 ^o B. 30 ^o and 60 ^o C. 45 ^o and 90 ^o D. 60 ^o and 75 ^o
14	Tracer techniques make use of.	A. Neutron scattering B. Electron beams C. LASER D. Radioactive isotopes

15	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
16	An object is placed at the focus of a diverging lens The image is located at	A. The focus B. 2 F C. Infinity D. Half away between the lens and the focus
17	What would be the colour of sky through hour the day .If the earth has no atmosphere.	A. Blue B. Red C. White D. Black
18	The three law of motion first published in 1687 by Sir Issac Newton in his work.	A. Method of Fluxions B. Optics C. Principial Mathematica D. Arithmetic Universalism
19	For D.C. circuit the resistance can be taken as impedance with zero.	A. Volt B. Ampere C. Phase angle D. Watts
20	The concept of entropy was introduced by	A. Saadi Carnot B. Boyle C. Charles D. Rudolph Celsius