

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	The reciprocal of decay constant lamda of a radioactive element is.	A. Half life B. Mean life C. Total life D. Curie
2	What is the term for an motion of charge from one region to another.	A. electric charge B. Electric current C. Electric field D. Electric potential
3	The effective resistance offered by the resistance capacitance and inductance in an A.C. circuit is known as	A. Impedance B. Resistance C. Capacitance D. Reactance
4	interference and diffraction of light support the	A. Wave nature of light B. Transverse nature of light waves C. Quantum nature of light D. Electromagnetic nature of light
5	Gauss's law a most useful in cases where the charge distributions.	A. Are made up of discrete point charges B. Are finite in their spatial extent C. Give rise to inverse square law fields D. Posses a certain amount of symmetry
6	Inertial mass and gravitational mass are	A. Opposite B. Proportional C. Weights D. Inversely proportional
7	Mean free path of gas molecules in inversely proportional to its.	A. Weight B. Temperature C. Pressure D. Volume
8	The efficiency of Carnot engine is	A. Less than one B. Zero C. Greeter than one D. Infinite
9	Which of the following quantity is zero about the centre of mass of baody.	A. Mass B. Acceleration C. Moment D. Angular momentum
10	High concentration of red blood cells increases the viscosity of blood from	A. 2 -3 time's that of water B. 3-4 times that of water C. 3 - 5 times that of water D. 4 -5 times that of water
11	Which one of the following is not true.	A. velocity can be negative B. velocity is a vector C. Speed is a sccalar D. Speed can be negative
12	Which of the following is not electromagnetic .	A. x-rays B. Gama rays C. Cathood rays D. Infrared rays
13	The SI unit of strain is	A. N m-1 B. N m-2 C. N m D. It has no unit
14	What happens to Carnot efficiency if the source temperature increases.	A. Decreases B. Increases C. Remain the same D. Becomes zero
		A. Speed

15	The pitch of sound is determined by its	B. Frequency C. Direction D. Number of beats
16	Lagging of magnetic flux density behind magnetic field is known as.	A. Permeability B. Susceptibility C. Hysteresis D. Uncertainty
17	The resistance between (+) and (-) inputs of an amplifier is.	A. Zero B. Low C. High D. Infinity
18	Fringe spacing in double slit experiment can be increased by decreasing.	A. Wavelength of light B. Width of slits C. Slit separation D. Distance between the slits and screen
19	Which physical property is most responsible for resonance.	A. Frequency B. Intensity C. Pitch D. Loudness
20	The horizontal range is equal for the angles.	A. 30° and 45° B. 30° and 60° C. 45° and 90° D. 60° and 75°