

## PPSC Physics Mcq's For Full Book

0	Overtices	Arrayana Obaira
Sr	Questions	Answers Choice
1	House hold circuits are mostly	A. Wired in sires     B. Wired in parallel     C. Made using wires of gold     D. Made using wires of silver
2	Which law states that an induced current is always in such a direction as to oppose the motion or change causing it.	A. Ampere's law B. Gauss's law C. Lenz's law D. Kirchoff's law
3	In which one of the following states molecules do net leavt their position.	A. Solid B. Liquid C. Gas D. Plasma
4	A force of 10 N acting on a certain spring produces an extension of 40 mm Two such spring are connected end to end and this double length spring is extended by 40 mm What is the strain energy.	A. 0.05 J B. 0.10 J C. 0.20 J D. 0.40 J
5	Magnetic flux with a closed circuit depends	A. Directly on number of turns of the coil B. Inversely on number of turns of the coil C. On geometry of the circuit D. Nature of the charges
6	When an object moves with a very high speed the length in the direction of motion.	A. Contracts B. Expands C. Remains the same D. Becomes infinity
7	With increase in temperature the angle of contact of liquid.	A. Increases B. Decreases C. Becomes zero D. First increase then decreases
8	When of the following colours scatters minimum.	A. Blue B. Violet C. Yellow D. Red
9	Five joules of work is needed to shift 10 C of charge from one place to another The potential difference between the places is.	A. 0.5 V B. 2 V C. 5 V D. 10 V
10	Which of the following material could be used for a high vacuum, high voltage tube.	A. Thoriated tungsten B. Tungsten C. Copper D. Cesium
11	Which statement about convection is correct.	A. Brownian motion is a form of convection B. Convection occurs only in gas C. Convection results from a density change D. Evaporation is a form of convection
12	The phenomenon is which the wavelength of scattered X-rays is larger than the incident X-rays is known as.	A. Zeeman's effect B. Photoelectric effect C. Compton's effect D. Annihilation of matter
13	A particle performs SHM of amplitude 0.020 and frequency 2.5 Hz. What is its maximum speed.	A. 0.050 m s-1  B. 0.125 m s-1  C. 0.314 m s-1  D. 0.75 m s-1
14	The particles equal in mass or greater than protons are called.	A. Mesons B. Bosons C. Baryons D. Nucleons

		A. Charge
15	When a charged particle is moved through a magnetic field if suffers is change in its.	B. energy
		C. Mass D. direction of motion
	Particle which can be added to the nucleus of an atom with changing its chemical properties are called.	A. Electrons
		B. Protons C. Neutrons
		D. Alpha particles
	An object moves 5.0 m north and then 3.0 m south . Find both the distance travelled and the magnitude of the displacement vector.	A. 2.0 m, 8.0 m
17		B. 8.0 m, 2.0 m
		C. 8.0 m, 8.0 m D. 2.0 m, 2.0 m
	Hydrogen bomb is based on	A. Controlled chain reaction
18	Hydrogen bomb is based on	B. Uncontrolled chain reaction
18	Hydrogen bomb is based on	B. Uncontrolled chain reaction C. Nuclear fusion D. Nuclear fission
18	Hydrogen bomb is based on	C. Nuclear fusion D. Nuclear fission
18		C. Nuclear fusion
	Hydrogen bomb is based on  When a body is lifted through a height 'h' the work done on the body appears in the form of.	C. Nuclear fusion D. Nuclear fission  A. K.E B. P.E C. Heat
18		C. Nuclear fusion D. Nuclear fission  A. K.E B. P.E
	When a body is lifted through a height 'h' the work done on the body appears in the form of.	C. Nuclear fusion D. Nuclear fission  A. K.E B. P.E C. Heat D. Density  A. Magnetism
		C. Nuclear fusion D. Nuclear fission  A. K.E B. P.E C. Heat D. Density