

## PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	When two vectors have opposite directions we say that they are	A. Parallel B. Antiparallel C. Perpendicular D. Out of phase
2	A body in equilibrium may not have	A. Velocity B. Momentum C. Acceleration D. K.E
3	The centre of the sun produces a large amount of energy what is the source of this energy.	A. Chemical reaction B. Nuclear fission C. Nuclear fusion D. Radioactive decay
4	Which of the following is not a ferromagnetic materials.	A. Iron B. steel C. Copper D. Cobalt
5	Colour of light is determined by its	A. Amplitude B. Velocity in air C. Wavelength D. State of polarization
6	Which one of the following gates is a universal gate.	A. OR B. AND C. NOT D. NAND
7	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
8	Transformer make possible the	A. transmission of A.C. power B. conversion of AC and D.C C. Cyclotron D. Particle accelerator
9	In the experiment of production of x rays electrons are accelerated towards the anode by	A. Thermionic emission B. Potential difference C. Breaking potential D. Cut of current
10	Sub atomic particles which experience strong nuclear force are.	A. Leptons B. Hadrons C. Mesons D. Quarks
11	The magnitude of the resultant of two equal forces is equal to either to the force What is the angle between the two forces	A. $0^\circ$ B. $120^\circ$ C. $60^\circ$ D. $180^\circ$
12	In which of the following the loss of energy is less.	A. Direct current B. Alternating current C. Thermoelectricity D. Photoelectricity
13	Entropy of universe is increasing day by day due to.	A. Power generating processes B. Energy used into work C. Depletion of ozone D. All of the above
14	The centre of mass of a system is a point where an applied force causes the system to move.	A. With rotation B. Without rotation C. Fastly D. Slowly
		A. Momentum

15	A body in equilibrium may not have	B. Velocity C. acceleration D. K.E.
16	An astronaut in an earth satellite will observe the sky as	A. Light blue B. Deep blue C. White D. Black
17	The focal length of a thin converging lens is 10 cm. What is the maximum distance from the lens that the object can be placed so the lens acts as a magnifying glass.	A. 5 cm B. 10 cm C. 15 cm D. 20 cm
18	Moseley's law establishes the x-rays fluorescence's of target element with its.	A. Atomic weight B. Atomic number C. Density D. Lattice constant
19	Which of the following has the greatest binding energy per nucleon.	A. Normal hydrogen B. Deuterium C. Tritium D. Helium-4
20	When a ray of light enters from a rarer medium to a denser medium its wavelength.	A. Increases B. Decreases C. Remains constant D. Vanishes