

## PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	Lagging of magnetic flux density behind the magnetizing field is known as.	A. susceptibility B. Diamagnetism C. Hysteresis D. Retentivity
2	The dimensional formula for torque is identical to.	A. Kinetic energy B. Pressure energy C. Moment of force D. All of the above
3	If length of second pendulum becomes four times than its time period will become	A. Two times B. Four times C. Six times D. Eight times
4	Which of the following is believed to be carrier of nuclear forces.	A. Lepton B. Meson C. Bason D. Baryon
5	Which of the following quantities associated with SHM does not vary periodically.	A. velocity B. Displacement C. Acceleration D. Total energy
6	In case of a convex lens when object is placed away from 2F, image is formed.	A. at F B. at 2F C. away from 2 F D. Between F and 2 F
7	According to kinetic energy of gases one assumes that the collisions between the molecules are.	A. Perfectly elastic B. Perfectly inelastic C. Partly elastic D. Partly inelastic
8	Which Russian Physicist first proposed the liquid drop model for the nucleus in 1928	A. Niels Bohr B. George Gamow C. Niel Armstrong D. Bill Clinton
9	Positron are produced during.	A. Annihilation B. ionization C. Pair production D. x rays production
10	The transfer of thermal energy between regions of matter due to a temperature gradient is called.	A. Conduction B. Radiation C. Convection D. Sublimation
11	Which of the following has negative specific heat	A. Ne B. CO <sub>2</sub> C. O <sub>2</sub> D. Saturated vapours
12	The vertical component of earth's magnetic field is zero.	A. At magnetic poles B. At geographical poles C. At magnetic equator D. Everywhere
13	Which of the title for combining of notes that produce jarring effect on the ear.	A. Noise B. Melody C. Harmony D. Discord
14	An electric lamp use energy at the rate of 46 W on a 12 V supply. How much charge passes through the lamp in 2s.	A. 0.15 C B. 0.50 C C. 2.0 C D. 8.0 C
15	The normal adjustment the magnifying power of an astronomical telescope is.	A. $f_e/f_o$ B. $f_o/f_e$ C. $f_o + f_e$ D. $f_o - f_e$

16	Mean free path of gas molecules is inversely proportional to its.	A. Weight B. Temperature C. Pressure D. Volume
17	If the resultant of two forces, each of magnitude F have the magnitude F, angle between the forces will be.	A. $30^\circ$ B. $80^\circ$ C. $90^\circ$ D. $120^\circ$
18	A monochromatic light beam when passed through a prism is.	A. Diffracted B. Deviated C. Polarized D. Dispersed
19	balls fall faster than rain drops due to their	A. Greater size B. Greater mass C. Greater area D. Structure
20	The SI unit of momentum is.	A. $\text{kg m s}^{-2}$ B. $\text{kg m}^2 \text{s}^{-2}$ C. $\text{kg m s}^{-1}$ D. $\text{kg s}^{-1}$