

## PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	Specially designed solid state detector can be used to detect.	A. Alpha particles B. Beta particles C. Gama rays D. X- rays
2	A sound wave is an example of	A. Transverse wave B. longitudinal waves C. Hair wave D. Stationary wave
3	The static friction is.	A. Always equal to dynamic friction     B. Always less than dynamic friction     C. Always greater than dynamic friction     D. Sometimes greater and sometimes less than dynamic friction
4	In the free expansion of a perfect gas there is no.	A. work done B. Heat exchnged C. Internal energy changed D. All of the above
5	The gravitational field strength at a point p on the earth's surfae is numerically equal to.	A. The acceleration of free fail at p B. The change in P.E. per unit distance at P C. The change in P.E. per unit distance at P D. The work done in bringing unit mass from infinity to P
6	Which one of the following spectra series is in the ultraviolet region.	A. Lyman series B. Paschen series C. Brackett series D. Plund series
7	Sunlight can undergo total internal reflection if it enters from	A. Glass to air B. Air to glass C. Air to water D. Water to glass
8	In water drops rainbows are formed by	A. Reflection B. Refraction C. Dispersion D. All of these
9	If the K.E. of a body becomes four times of its initial value the new momentum will be.	A. Half B. Same C. Four time D. Double
10	Beats occur due to	A. Reflection B. Refraction C. interference D. Diffraction
11	Unit vector of a vector A describes	A. Magnitude of a given vector     B. Direction of given vector     C. Shape of a given vector     D. Magnitude and direction of a given vector
12	A metallic rod is continuously heated at its two ends, The heat following through the rod does not depend upon.	A. Mass of the upon B. Area of cross section of the rod C. Temperature gradient between two ends D. Time for which heat flow through the rod
13	The gravitational force between two bodies does not depends upon.	A. The product of their masses     B. Their separation     C. The sum of their masses     D. The constant of gravitation
14	The energy stored per unit volume inside the solenoid is called.	A. Energy density B. Mass density

	·····g,p	C. Charge density D. Volume density
15	Which pair of the following forces has a resultant force of 2 N.	A. 1 N and 1 N B. 1 N and 3 N C. 1 N and 2 N D. 2 N and 2 N
16	Who was the author of Mathematical principles of Natural philosophy.	A. Kepler B. Einstein C. Max Planck D. Newton
17	An example of continuous spectrum is.	A. Black body radiation spectrum     B. Molecular spectra     C. Atomic spectra     D. All of the above
18	A galvanometer can be converted into voltmeter by connecting in series with the galvanometer a	A. Low resistance     B. High resistance     C. Resistance of intermediate range     D. Shunt
19	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
20	What will be the sound speed if the frequency is doubled.	A. zero B. Half C. Double D. Unchanged