

## PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	How many terminals does a BJT have.	A. 1 B. 2 C. 3 D. 4
2	The shape of wave front depends on	A. Density of medium B. Shape of medium C. Viscosity of medium D. Length of medium
3	A double convex air bubble in water will behave as.	A. Plane slab B. Concave mirror C. Convex lens D. Concave lens
4	In order to reduce uncertainty in momentum one must use light of.	A. Short wavelength B. Large wavelength C. Wavelength of intermediate value D. Wavelength of any value
5	In a half wave rectifier the rms value of the A.C. component of the wave is.	A. Less than D.C. value B. Great her than D.C. value C. Equal to D.C. value D. Zero
6	What is the change in path when sound wave is reflected from a rigid support.	A. Lamda /2 B. Lamda C. 2 lamda D. Zero
7	A small and a large rain drops are falling thgouth all.	A. Large drop falls faster B. Both move with same velocity C. Small drop falls faster D. Small drop does not fall
8	Gas exert pressure on walls of the visual because gas molecules.	A. Posses momentum B. Have finite volume C. Collide with each other D. Obey gas laws
9	Interference fringe spacing depends on	A. The wavelength of light used B. The distance screen from the coherent sources C. Separation between the sources D. All of the above
10	Hearing damage is possible at sound pressure of	A. 0 dB B. 50 dB C. 130 dB D. 195 dB
11	In which of the following eddy current is not used	A. Induction furnace B. Automobile speedometer C. Electromagnetic damping D. X- rays diffraction
12	Charge to mass ration of an electron is determined by using the relation.	A. $e/m = B/rv$ B. $e/m = r/vB$ C. $e/m = V/Br$ D. $e/m = v/r$
13	Which of the following form of electromagnetic energy has the highest frequency.	A. X rays B. Game rays C. Ultraviolet waves D. Infrared waves
14	A device used to determine mass of an isotope quite accurately is known as.	A. Spectrometer B. Mass spectrometer C. Mass detector D. Electronic balance
15	In the experiment of photo electric effect the minimum frequency of photons at which electrons are emitted from a metal surface is called.	A. Critical frequency B. Typical frequency C. Threshold frequency D. Cut off frequency

		D. Surface frequency
16	The magnitude of the instantaneous velocity is called the.	A. <sub>Displacement</sub> B. Speed C. Acceleration D. Length
17	The power dissipation in a pure inductive or capacitive circuit is.	A. Maximum B. Minimum C. Zero D. Infinity
18	In which form energy is stored in a condenser.	A. Electric energy B. Potential energy C. Kinetic energy D. Magnetic energy
19	Human's eye acts like a	A. LASER B. Mirror C. Lens D. Fibre optics
20	LASER is a device for	A. Producing a beam of white light B. Producing a beam of monochromatic and coherent light C. Producing a beam of high intensity incoherent light. D. Producing highly penetrating's X-rays