

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	The cloud chamber was invented by C.T.R. Wilson in	A. 1905 B. 1907 C. 1909 D. 1911
2	When white light is incident on a diffraction grating, the light that will be deviated from central image will be.	A. White B. Yellow C. Red D. Blue
3	A bus and a car moving with the same K.E. are acted upon by the same retarding force then the	A. car will stop first B. Bus will stop first C. Both will stop simultaneously D. Both will never stop
4	A pure capacitor is connected in an AC circuit The power factor of the circuit will be.	A. Unity B. Infinity C. 0.5 D. Zero
5	The basic circuit element is a D.C. circuit is	A. An inductor B. A resistor C. A capacitor D. A battery
6	In four stroke cycle the crank makes	A. One complete revolution B. Two complete revolutions C. three complete revolutions D. Four complete revolutions
7	The frequency of the fundamental mode of transverse vibration of a stretched wire 1,000 mm long is 256 Hz When the wire is shortened to 400 mm at the same tension	A. 640 Hz B. 680 Hz C. 720 Hz D. 780 Hz
8	Intensity of the dark bands in interference pattern becomes zero when two waves.	A. Of light are monochromatic B. Are of the same frequency C. Are of the same amplitude D. Travel in opposite direction
9	The angle subtended at the centre of a circle by an arc equal to its radius is equal to.	A. One rotation B. One radian C. One degree D. One revolution
10	In fission reaction, heavy water is used as a	A. Coolant B. Moderator C. Heat exchanger D. Controller of reaction rate
11	When light enters a denser medium	A. Its speed slows down B. Its speed increases C. It is totally reflected D. Its speed remains unchanged
12	The efficiency of Carnot engine is	A. Less than one B. Zero C. Greater than one D. Infinite
13	The total energy of an electron in an orbit around the nucleus is.	A. Zero B. Unity C. Infinity D. Negative
14	Simple harmonic motion may be assumed as a projection of uniform circular motion along a	A. Diagonal B. hypotenuse C. Diameter D. Radius
15	The behavior of the gases that can be easily liquefied is like that of the.	A. Triatomic gases B. Ideal gases C. Van der Waals gases D. Diatomic gases

16	The flow of heat from hot body to cold body is an example of	A. Adiabatic process B. Isothermal process C. Reversible process D. Irreversible process
17	Which of the following properties is not exhibited by X-rays.	A. Interference B. Diffraction C. Polarization D. Deflection of electric field
18	The cathode ray oscilloscope is used for	A. Displaying the waveform of given voltage B. Displaying the wave form of given vibrations C. Rectifying a.c to d.c. D. Rectifying D.C. to A.C.
19	Isotopes are the atoms of the same elements which contain equal number of.	A. Nucleus B. Neutrons C. Protons D. Electrons
20	The fluid which is incompressible and non viscous is called.	A. Viscous fluid B. Nonideal fluid C. Ideal fluid D. Perfect fluid
