

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	X-rays are	A. Longitudinal wave B. Transvers waves C. Secondary waves D. Fast sound waves
2	How are the electrons produced in a cathode ray tube.	A. By applying an electric field to the x plates B. By heating a metal filament C. By ionization of the air D. By radioactive decay
3	Power of the lens is one dioptre, if its focal length is.	A. 1/6 metre B. 1/2 metre C. 1 metre D. 8 metre
4	The most suitable material for moderator in a nuclear reactor is.	A. B B. Cd C. D2O D. Uranium
5	A concave mirror is used to form an image of the sun on a white screen IF the lower half of the mirror were covered with an opaque card the effect on the image on the screen would be.	A. Negligible B. To make the image less bright than before C. To make the upper half of the image disappear D. To make the lower half of the image disappear.
6	The wavelength is the distance along the line of wave propagation between two successive particles which have equal	A. Velocities B. Phases C. Amplitude D. Displacements
7	The energy equivalent of 1 kg of matter a	A. 10 ⁻¹⁵ J B. 1 J C. 10 ¹² J D. 10 ¹⁷ J
8	Which force pushes up a body in fluid	A. Thrust B. Lift C. buoyant D. Pressure
9	the wavelength of continuous X-rays is inversely proportional to.	A. Intensity of incident electron beam B. Temperature of the target C. Intensity of X-rays D. The energy of electrons striking the target
10	If a wave vibrate 10 times in 1 s with a speed of 10 m s-1 the correct wavelength of the wave is.	A. 1 m B. 10 m C. 20 m D. 100 m
11	Which of the following type of force can do no work on the particle on which it operates.	A. Gravitational force B. Frictional force C. Centripetal force D. Elastic force
12	Who discovered the exclusion principle which states that no two electrons can occupy the same quantum mechanical state in a given system.	A. Neils Bohr B. Issac Newton C. Wolfgang Pauli D. Max Planck
13	The Lenz's law is also a statement of the law of conservation of.	A. Energy B. Mass C. Momentum D. Torque
14	The behavior of the gases that can be easily liquefied is like that of the.	A. Triatomic gases B. Ideal gases C. Van der walls gases D. Dia atomic gases

15	Certain gas are called permanent gases because.	A. They cannot be liquified B. They are perfect gases C. The critical temperatures are low D. their boiling points are low
16	In L-C parallel circuit the capacitor draws a	A. Lagging current B. Leading current C. Lagging voltage D. Leading voltage
17	What will be the frequency it an employ vessel is filled with water.	A. Increases B. Decreases C. Remain unchanged D. Fundamental
18	Fluid mechanics is the study of how fluid move and the other ting involved is	A. Energy B. Velocity C. Forces D. Position
19	Which one of the following gates in a a universal gate.	A. OR B. AND C. NOT D. NAND
20	In compound microscope, image formed by the eyepiece is	A. Real B. Invented C. Erect D. Diminished