

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	X-rays eject electrons from matter by	A. Pair production B. Pair annihilation C. Compton effect D. Photoelectric effect
2	In order to measure the true emf of an electrolytic cell it is necessary that.	A. The measurement be made while charging the cell B. No current be drawn from the cell C. The cell be connected into a type circuit D. The cell be connected into a parallel type circuit
3	Which of the following is an example of negative work.	A. a thrown up cricket ball B. Grass mower C. A car on road D. Bucket in the well
4	When a ray of light enters from rarer medium to a denser medium its wavelength.	A. Increases B. Decreases C. Remain constant D. Vanishes
5	The SI unit of density is.	A. kg m2 B. kg m-2 C. kg m-3 D. kg m2 s-2
6	The law of equation of energy is applicable to the system whose constituents are.	A. At rest B. In orderly motion C. in random motion D. Moving at constant speed
7	What is shapes of a pure note	A. Sinwave B. Sawtooth C. Square wave D. Triangular wave
8	Sound wave do not travel in vacuum because.	A. they are transverse waves B. They are stationary waves C. They require material medium for propagation D. They do not have enough energy
9	Distance between two consecutive nodes or antinodes is equal to.	A. Lamda /4 B. Lamda C. Lamda /2 D. 2 lamda
10	In which of the following the loss of energy is less.	A. Direct current B. Alternating current C. Thermoelectricity D. Photoelectricity
11	Choose the one which acts as single inverter.	A. Common emitter B. common collector C. Common base D. Diode
12	Phenomenon of radioactivity is due to disintegration of.	A. Proton B. Neutron C. electron D. nucleus
13	Which quantity has dimensions different from the others.	A. Energy per unit volume B. Force per unit area C. Angular momentum per unit mass D. Pressure
14	Permanent change in shape or size of a solid body without fracture resulting from the application of strained stress beyond the elastic limit is called.	A. Elastic limit B. Plastic limit C. elastic deformation D. Plastic deformation

15	Which quantity remains fixed in isobars.	A. Mass number B. Atomic number C. Number of neutrons D. Number of protons
16	A device used to detect and measure charge is.	A. A voltmeter B. An ammeter C. An electroscope D. An amplifier
17	The usefulness of X rays is largely due to their	A. Mass B. Density C. Volume D. Penetrating power
18	If the wavelength of a wave is 1 cm and its period is 0.02 s , velocity of the wave will be	A. 20 cm s-1 B. 50 m s-1 C. 60 cm s-1 D. 100 cm s-1
19	In L-C parallel circuit the capacitor draws a	A. Lagging current B. Leading current C. Lagging voltage D. Leading voltage
20	In case of longitudinal waves the individual particles of the medium move.	A. In circles B. In ellipses C. Parallel to wave propagation D. Perpendicular to wave propagation