PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	Michelson's interferometer can be used to measure.	A. Wavelength of light B. Intensity of light C. Amplitude of disturbances D. Frequency of light
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	Thermocouple is combination of.	A. Thermocouples B. Capacitors in parallel C. Resistors in series D. Ammeter and voltmeter
4	A converging mirror with a radius of 20 cm creates a real image 30 cm from the mirror What is the object distance.	A. -5.0 cm B. -7.5 cm C. -15 cm D. -20 cm
5	To get large magnifying power of an astronomical telescope. we should have focal length of eye lens.	A. Small B. Large C. Of any value D. Infinity
6	The total energy of an electron in an orbit around the nucleus is.	A. Zero B. Unity C. Infinity D. Negative
7	Which quantity decay exponentially when a capacitors is discharged.	A. Charge only B. Charge and voltage only C. Charge and current only D. Charge voltage and current
8	In a stationary wave the particle velocity at the node is	A. Zero B. Constant C. Minimum D. Maximum
9	A body of mass 1 kg hanging with a spring of spring constant 60 N m-1 is rotation in a horizontal circle The values of angular frequency will be.	A. 80 .94 Hz B. 89. 4 Hz C. 98. 4 Hz D. 108 . 6 Hz
10	The equal and opposite forces acting on a body form	A. Angular momentum B. Linear momentum C. Torque D. Couple
11	An object is -14 cm in front of a convex mirror The image 5.8 cm behind the mirror. What is the focal length of the mirror.	A. -4.1 cm B. -8.2 cm C. - 9.9 cm D. -20 cm
12	Which is the heat transfer mode between an object and its environment due to circular fluid motion.	A. Conduction B. Convection C. Radiation D. Mass transfer
13	A complete amplifier circuit made on a silicon chip and enclosed in a small capsule is	A. Inductor B. Metal detector C. Diode D. Operational amplifier
14	The volume of a goas at constant pressure is directly proportional to the temperature as measured on the.	A. Celsius scale B. Kelvin scale C. Fahrenheit scale D. Baume scale
15	What is the energy equivalent to amu in Me V	A. 0.931 MeV B. 9.31 MeV C. 93.1 MeV

		D. 931 MeV
16	On what factor the internal energy of a thermodynamic system depend upon.	A. History B. State C. Process D. Surroundings
17	Which two terminal passive electronic component implements electrical resistance as a circuit element.	A. Capacitor B. Inductor C. Resistor D. Transformer
18	The total energy of a body executing SHM is directly proportional to	A. The amplitude B. The square of the amplitude C. Square root of the amplitude D. Reciprocal of the amplitude
19	Who studied freely failing bodies using modern scientific method.	A. Galileo B. Issac newton C. Abert Einstein D. Alkundi
20	The thermal inertia of a thermodynamic system is known as its.	A. Entropy B. Enthalpy C. Isothermal conduction D. Adiabatic conduction