PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	In optics, which subfield studies the measurement of electromagnetic radiation including visible light.	A. Radiometry B. Photometry C. Telemetry D. Chronometry
2	In alternating current circuits the quantity which plays the same role as resistance in direct current circuits is called.	A. Reactance B. Admittance C. Conductance D. Impedance
3	The rms value of alternating current is always	A. Infinity B. Unity C. Positive D. Negative
4	With increase in temperature the electrical conductivity of intrinsic conductors.	A. Increases B. Descreases C. Remain unaffected D. First increases then decreases
5	The loudness of a sound depends on its	A. Wavelength B. Frequency C. Wave amplitude D. Regularity
6	The emission of electrons from a metal surface when exposed to light of suitable frequency is called.	A. Pair production B. Compton effect C. Photo electric effect D. Zeeman effect
7	In case of a convex lens when object is placed at 2F image is formed.	A. At B. 2F C. away from 2F D. Between F at and 2 F
8	Which electrical component uses a low current circuit to switch a high current ON or OFF.	A. Capacitor B. Diode C. Reed rely D. Thermistor
9	At low frequency the value of resistance of certain capacitors is.	A. small B. Large C. Moderate D. Unmeasurable
10	The convincing evidence of the wave nature of electrons was provide by.	A. Stefan B. Rayleigh C. Davision and Germer D. Balmer
11	Who proposed the temperature equalization mechanism of a body by thermal radiations with that of its surroundings.	A. Pierre Provost B. Robert Brown C. Albert Einstein D. Issac Newton
12	The dot product of electric intensity and area of a surface is equal to.	A. Magnetic flux B. Electric flux C. Motional emf D. Induced emf
13	If velocity is doubled then	A. Momentum increase 4 time and K.E. increase 2 times B. Momentum increases 2 times and K.E. remains constant C. Momentum increases 2 times and K.E. increases 4 times D. Both momentum and K.E. remain constant
14	Which of the following is defined as the amount of heat required to raise the temperature of 1 g of water by 1 ^{o}C	A. Joule B. BTO C. Electron volt D. Calorie

15	What is the necessary condition for Boyle's law to hold good.	A. Isothermal B. Adiabatic C. Isobaric D. Isochoric
16	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
17	Which of the given factors is increased in a step down transformer.	A. Voltage B. Current C. Wattage D. Resistance
18	The SI unit of magnetic flux is	A. gauss B. Maxwell C. Oersted D. Water
19	Which of the following is a transport optical element with flat polished surfaces that refract light.	A. Monocole B. Axicon C. Prism D. Lens
20	A wave that remains in a constant position is called.	A. Standing wave B. Transvers wave C. Shock wave D. Longitudinal wave