

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	Which one of the following materials has negative temperature coefficient.	A. Conductors B. Semiconductors C. Insulators D. Covalent bonds
2	An oscillator is basically an amplifier with loop gain	A. Zero B. Less than unity C. More than unity D. Infinity
3	If there are no frictional effects, the mechanical energy of a system executing simple harmonic motion.	A. Changes with time B. Is variable C. Is constant D. Is not conserved
4	The minimum value of charge on any object is.	A. 1.6×10^{-29} C B. 1.6×10^{-19} C C. 1.6×10^{-9} C D. 1 C
5	Compton scattering experiment seemed to indicate that radiation had	A. Wave nature B. Particle nature C. Wave particle nature D. X-rays nature
6	Which of the following refers to the distance from crest to crest of a wave.	A. Frequency B. Wavelength C. Amplitude D. Period
7	A single quantum of electromagnetic radiation is termed as.	A. Compton B. Photon C. Hyperon D. Meson
8	Which pair of the following forces has a resultant force of 2 N.	A. 1 N and 1 N B. 1 N and 3 N C. 1 N and 2 N D. 2 N and 2 N
9	Solar cells are thin wafers made from	A. Uranium B. Nickel C. Silicon D. Cadmium
10	Light waves can be polarized because they	A. have short wavelength B. Have high frequency C. Can be reflected D. Are transverse
11	When two waves travelling through the same medium arrive at the same point 180° out of phase, they give rise to.	A. Polarization B. Destructive interference C. Refraction D. Constructive interference
12	Binding energy per nucleon is.	A. Greatest for heavy nuclei B. Least for heavy nuclei C. Greatest for light nuclei D. Greatest for medium weight nuclei
13	Which of the following has maximum specific heat.	A. Glass B. Iron C. Brass D. Lead
14	The unit of magnetic induction is.	A. weber -metre B. weber -metre 2 C. weber-meter-2 D. weber-metre-1
15	What is the refractive power of cornea in humans.	A. 13 dioptres B. 23 dioptres C. 33 dioptres D. 43 dioptres

16	Materials that experience a force from stronger to weaker regions of magnetic field are called.	A. Non magnetic B. Paramagnetic C. Ferromagnetic D. Diamagnetic
17	In projectile motion, the body has	A. One component of velocity B. Two components of velocity C. Three components of velocity D. No component of velocity
18	The input resistance of a JFET is of the order of.	A. 1 M Mega B. 10 M Mega C. 100 M Mega D. 1,000 M Mega
19	Which part of hole located in the centre of the eye that allows light to enter the retina.	A. Iris B. Pupil C. Cornea D. Fovea
20	The phenomenon of beats takes place due to	A. Longitudinal waves B. Transverse waves C. Stationary waves D. Both a and b