

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	Balmer identified the spectral lines in the spectrum of hydrogen in	A. 1785 B. 1885 C. 1936 D. 1966
2	A sheet of transparent material with fine equality spaced lines ruled parallel on its surface is called.	A. Interferometer B. Grating element C. ruler D. Patch
3	If pressure and temperature of an ideal gas is doubled and volume is halved, the number of the gas molecules.	A. Become half B. Remain constant C. Become double D. Become three times
4	Which property of waves is independent of the others.	A. Amplitude B. Velocity C. Frequency D. Wavelength
5	Optics is the	A. Scientific study of light and vision B. Scientific study to sound C. Scientific study of time D. Scientific study of fluid
6	Which is the correct statement regarding the nature of light.	A. It has wave nature B. It has particle nature C. It has both wave and particle nature at the same time D. It has wave nature sometime and particle nature at some other time.
7	On which factor cut off wavelength of X-rays coming from a Coolidge tube depends upon.	A. Target material B. Accelerating voltage C. Filament temperature D. Separation between target and the filament
8	Mean life of a radioactive sample is 100 s its half life will be	A. 0.693 s B. $\frac{1}{0.693}$ s C. 6.93 s D. 69.3 s
9	Any substance that can flow is a	A. Solid B. Gas only C. liquid only D. Fluid
10	In a stationary wave the particle velocity at the node is	A. Zero B. Constant C. Minimum D. Maximum
11	tuning a radio set is an example of.	A. Musical resonance B. Electrical resonance C. Mechanical resonance D. Damping
12	In what form is the energy stored in an inductor.	A. Magnetic B. electrostatic C. Magnetic and electrostatic D. All of the above
13	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
14	In CC configuration voltage gain is.	A. Less than one B. More than one C. One D. Zero

15	A ball mass 0.25 kg is thrown to a height of 20 m The change in G.P.E is	B. 50 J C. -75 J D. 500 J
16	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
17	In gases, the charge carriers are.	A. Atoms B. Molecules C. Electrons only D. Ions and electrons
18	Plane polarized light can be produced by	A. Reflection B. Refraction C. Scattering of light D. All of these
19	An object gain excess negative charge after being rubbed against another object which is.	A. Neutral B. Negatively charged C. Positively charged D. either a, b, or c
20	The centre of gravity of an irregular shaped object lies at	A. The intersection of diagonals B. The intersection of medians C. Its centre D. The axis of rotation