

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	In microwave ovens, heating is produced by the phenomena of	A. Reflection B. Refraction C. Damped oscillations D. Resonance
2	Who gave the idea of matter wave.	A. De Broglie B. Planck C. Einstein D. Huygen
3	The SI unit of absorbed dose in.	A. Bel B. Weber C. Rem D. Grey
4	X-rays can cause	A. Malaria B. Dysentery C. Cancer D. Blood pressure
5	The phenomenon of beats takes place due to	A. Longitudinal waves B. Transverse waves C. Stationary waves D. Both a and b
6	Which of the following phenomenon is caused by the different speeds of light in differed optical media.	A. Reflection B. Refraction C. Diffraction D. Total internal reflection
7	Light wave can be polarized because they	A. Are transverse in nature B. Can be reflected C. Have short wavelength D. Have high frequncies
8	The critical angle will be maximum when light travels from	A. Glass of air B. Water to air C. Water to glass D. Glass to water
9	The final image produced by a microscope is.	A. Real and erect B. Virtual and erect C. Real and inverted D. Virtual and inverted
10	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
11	The wavelength of X-rays is of the ofder of.	A. 10 ⁻¹⁴ m B. 10 ⁻¹⁰ m C. 10 ⁻⁹ m D. 10 ⁻⁶ m
12	The centre of the sun produces a large amount of energy what is the source of this energy.	A. Chemical reaction B. Nuclear fission C. Nuclear fusion D. Radioactive decay
13	Inductance are measured in	A. Coulombs B. Volts C. Henrys D. Farads
14	How eddy current losses are reduced in A F and R F transformers.	A. By using air cores B. By using shell cores C. By using laminated cores D. By using ferrite cores
15	If a capacitor is charged by using a 1.5 V battery, how much charge will capacitor gain.	A. 0 V B. 0.5 V C. 1.5 V D. 3 V

16	The pressure of a gas is directly proportions to	A. Mean velocity of the molecules B. Mean square velocity of the molecules C. Root mean square velocity of the molecules D. Instantaneous velocity of the molecules
17	An object of placed at the centre of curvature of a concave mirror The image produced by the mirror is located.	A. Out beyond the centre of curvature B. At the centre of curvature C. Between the centre of curvature and the focal point D. At the focal point
18	The relation between work function and maximum energy of photo electrons was discovered by.	A. Stefan B. Marely C. Einstein D. Max. Planck
19	A longitudinal sinusoidal wave has a wavelength of 1 cm and a period of 2s. Its wave velocity is.	A. 50 cm s-1 B. 0.00t m s-1 C. 100 cm s-1 D. 5 m s-1
20	Sound wave in air are	A. Longitudinal waves B. Transvers waves C. Electromagnetic waves D. Matter waves