

## PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	A body is thrown vertically upward with initial velocity $9.8 \text{ ms}^{-1}$ it will reach the height.	A. 4.9 m B. 19.9 m C. 29.4 m D. 49.2 m
2	The hyperfine lines in the spectrum relates to	A. Stark effect B. Zeeman effect C. Lande's splitting D. Nuclear magnetic spin
3	Which current can pass through a capacitor continuously.	A. Alternating current B. Direct current C. Eddy current D. Pulsating current
4	The average amount of energy transported by a wave per unit area per unit time is termed as	A. Wave speed B. Wave intensity C. Wavelength D. Wave amplitude
5	A pulse on the string is inverted when it is reflected from	A. Free end B. Fixed end C. Either of the two D. Rubber cord
6	Which of the following is most suitable for the core of the electromagnetism	A. Air B. Steel C. Su Ni allow D. Soft iron
7	Convection is the transfer of thermal energy by means of currents in	A. Pressure B. Temperature C. Liquids D. Fluids
8	Monochromatic light passing through a thick prism is.	A. Polarize B. Dispersed C. Diffracted D. Deviated
9	A solid in which there is no regular arrangement of molecules.	A. Amorphous solids B. Glassy solids C. Crystalline solids D. Polymerization
10	The phenomenon of interference comes about because waves obey	A. the impulse momentum theorem B. An inverse square law of intensity C. The principle of reciprocity D. The principle of super position
11	In case of a convex lens when object is placed away from $2F$ , image is formed.	A. at $F$ B. at $2F$ C. away from $2F$ D. Between $F$ and $2F$
12	The energy equivalent of 1 kg of matter is	A. $10^{15}$ J B. 1 J C. $10^{12}$ J D. $10^{17}$ J
13	Bracket and plunk series of spectral lines lie in the	A. Visible region B. Ultraviolet region C. Far infrared region D. Infrared region
14	The relation between horse power and watt is.	A. 1 hp = 546 watts B. 1 hp = 746 watts C. 1 hp = 946 watts D. 1 hp = 1000 watts
15	The escape velocity	A. Is independent of mass of the body B. Increases with the increases of mass of the body C. Decreases with the decreases of

		mass of the body D. Depends upon the type of body used
16	Plane polarized light can be produced by	A. Reflection B. Refraction C. Scattering of light D. All of these
17	One gray is equal to.	A. $1 \text{ J}^{-1} \text{ kg}^{-1}$ B. $1 \text{ J}^{-1} \text{ kg}^{-2}$ C. $1 \text{ J}^{-1} \text{ g}^{-1}$ D. $1 \text{ j} \text{ kg}^{-2}$
18	Ultrasonic sound waves	A. Can be heard by a normal human ear B. Can be heard with the help of hearing apparatus C. Can be heard with the help of microphone D. cannot be heard
19	If the transformer turns ratio is 2 and the impedance of primary coil is 250 Ohms then the impedance secondary coil will be.	A. 125 Ohms B. 250 Ohms C. 500 Ohms D. 1000 Ohms
20	The best instrument used for the measurement of emf of a cell is	A. A voltmeter B. An ammeter C. A potentiometer D. Wheatstone bridge