

## PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	The law of equation of energy is applicable to the system whose constituents are.	A. At rest B. In orderly motion C. in random motion D. Moving at constant speed
2	The loudness of a sound deepness on its	A. Wavelength B. Frequency C. Wave amplitude D. Regularity
3	The main advantage of a grating over Young's apparatus is the	A. Sharpness of the bright lines B. Absence of dark fringes C. Absence of bright fringes D. Greater deviation of light
4	Which of the following is the science of measuring the heat of chemical reactions or physical changes.	A. Thermometry B. Calorimetry C. Telemetry D. Photometry
5	Such substance which undergo plastic deformation until they break are known as.	A. Diatomic substances B. Monoatomic substances C. Ductile substances D. Brittle substances
6	One rem is equal to.	A. $>0.1 \text{ Sv}$ B. $0.01 \text{ Sv}$ C. $0.001 \text{ Sv}$ D. $0.0001 \text{ Sv}$
7	On which principle the induction coil works on.	A. Self induction B. Ampere's rule C. Mutual induction D. Gauss's law
8	Neither the position nor the momentum of a particle can be predicted with arbitrarily great precision is the statement of.	A. Archimede's principle. B. Heisenberg uncertainty principle C. Mosley's law D. Schrodinger's wave equation
9	In annihilation of matter, positron and electron pair disappears into two	A. Alpha particles B. Beta particles C. Gamma particles D. X-rays
10	The value of mutual inductance can be increased by	A. Decreasing number of turns in the coil B. Increasing number of turns in the coil C. Winding the coil on china clay D. Winding the coil on wooden frame
11	What is the change in path when sound wave is reflected from a rigid support.	A. $\lambda/2$ B. $\lambda$ C. $2\lambda$ D. Zero
12	Which type of amplifier causes minimum drain of power supply.	A. Class -A B. Class -B C. Class-C D. Class -AB
13	What kind of movement is dictated by the laws of thermodynamics.	A. Energy motion B. Heat work C. Light heat D. Energy light
14	How do solar heat and light reach the Earth.	A. By radiation B. By convection C. By conduction D. By conduction and convection
15	When sound waves enter a different medium the quantity that remains unchanged a.	A. Wavelength B. Speed C. frequency

		D. Intensity
16	When the lift is moving upward with an acceleration then weight of the object will be.	A. $w = ma$ B. $w - ma$ C. $w$ D. $2w$
17	Resistance and resistivity of a substance	A. Increase with rise in temperature B. Decrease with rise in temperature C. Remains same at every temperature D. Increases at high voltage
18	In an A.C. circuit the current.	A. Is in phase with voltage B. Leads the voltage C. Lags the voltage D. Any of these depending upon the circumstances
19	If the number of coulombs per second through a wire of 10 Ohm resistance across a 120 V line is 12, the current is	A. 5 A B. 10 A C. 12 A D. 15 A
20	The cathode ray oscilloscope is used for	A. Displaying the waveform of given voltage B. Displaying the wave form of given vibrations C. Rectifying a.c to d.c. D. Rectifying D.C. to A.C.