

## PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	Which materials have exactly zero electrical resistivity.	A. Metals B. Insulators C. Semi conductors D. Super conductors
2	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
3	The magnetic flux density at the centre of a long solenoid is dependent on.	A. The number of turns per unit length of the silenced B. The volume of the solenoid C. The diameter of each turn of the solenoid D. All of above
4	A 800 W toaster and a 1.3 kW frying pan are plugged into the same 120 V lines, then	A. Fuse will not blow B. Fuse will blow C. Supply will spark D. Only toaster can work
5	Which one of the following does not have the same dimenstions.	A. Energy ,work, heat B. Pressure, stress, Young's modulus C. Voltage, electromotive force, potential difference D. Electric flux, electric field, electric dipole moment
6	In an isochoric process.	A. Volume changes B. Pressure changes C. Temperature changes D. Volume remains constant
7	In a resistor, when base width decreases with increasing Vbc, this phenomenon is called.	A. Tunneling B. Thermal runway C. Pinch off D. Early effect
8	In microwave ovens, heating is produced by the phenomena of	A. Reflection B. Refraction C. Damped oscillations D. Resonance
9	The strength per unit volume of a solid is called.	A. shear stress B. Shear strain C. Bulk strength D. Bulk modulus
10	Which of the following a natural example of a capactor.	A. Fire B. Snow C. Air D. Lightining
11	A battery drives 50 C of charge round a circuit. The total work done is 750 J What is the electromotive force of the battery.	A. 0.07 V B. 15 V C. 700 V D. 1500 V
12	Inductance divided by resistance and the product of capacitance and resistance both have units of.	A. Charge B. Time C. Force D. Current
13	A liquid surface tend to contract this phenomenon is due to	A. Viscosity B. Diffusion C. Density D. surface tension
14	A direct vision spectroscope is better than a prism spectrometer because it helps in	A. Observing the spectrum without a source B. Observing the spectrum perpendicular to a source C. Observing the spectrum in line

		wth the source D. all of the above
15	a 2,000 kg heavy truck travelling at 36 km h-1 strikes a tree and comes to a stope in 0.1 s The average force on the truck during the crash is.	A. 2 x 10 <sup>2</sup> N B. 2 X 10 <sup>3 </sup> N C. 2 X 10 <sup>4</sup> N D. 2 X 10 <sup>3</sup> N
16	The viscosity of an ideal fluid is	A. Infinity B. Unity C. Zero D. 0.5
17	The temperature which is the same in <sup>o</sup> C and <sup>o</sup> F is.	A20 B40 C. 20 D. 40
18	The maximum distance between an object and its real image in case of convex lens is	A. f B. 2f C. 2.5 f D. 4 f
19	When mas of a string is increased 4 times its original valve, the velocity of the wave.	A. Becomes double B. Reduces to one half C. Reduces to one fourth D. Increases 4 times to its original value
20	The internal inertia of a thermodynamics system is known as.	A. Enthalpy B. Entropy C. Isotherm D. Adiabatic