

## PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	Which of the following factors determines the resolving power of an instrument.	A. magnification B. Total length of objective C. Diameter of objective D. Refractive index of objective
2	The Rutherford atom according to classical theory is	A. Stable B. Unstable C. Partially stable D. Quantized
3	Inertial mass and gravitational mass are	A. Opposite B. Proportional C. Weights D. Inversely proportional
4	How does viscosity affect relative motion between the liquid layers.	A. Does not affect B. Accelerates C. May accelerate or retard D. Retards
5	The 'x' in X-rays means	A. Xenon B. Explosion C. x for unknown D. X makes the spot
6	When heat is supplied to a metallic sphere which one of the following changes will occur.	A. the mass of the sphere increases B. The volume of the sphere increases C. The density of the sphere increases D. The internal energy of the sphere increases
7	The effective resistance offered by the resistance, capacitance and inductance in an A.C. circuit is known as	A. Impedance B. Resistance C. Capacitance D. Reactance
8	Hygen's principle states that	A. Light travels in straight line B. Light travels in electromagnetic waves C. All points of primary wave front are source of secondary wavelets D. Light has dual nature
9	The actual gas can behave like an ideal gas at	A. Low density and high pressure B. High density and high pressure C. Low density and low pressure D. High density and low pressure
10	The rms value of emf in a circuit is given by a factor of.	A. 0.637 B. 0.7 C. 0.707 D. 1.11
11	A capacitor is connected to a battery. The force of attraction between the plates when the separation between them is halved will	A. Remain the same B. Become twice C. Become 4 times D. Become 8 times
12	In solids and liquids the variation of the speed of sound with temperature is.	A. Much greater than in air B. Slightly less than in air C. The same as in air D. Small and usually negligible
13	The bending of light when it enters a medium	A. Reflection B. Refraction C. Diffraction D. Total internal reflection
14	When the temperature of source and sink of a heat engine become equal the entropy change will be.	A. Zero B. Maximum C. Minimum D. Negative

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15	92.65 is round off as	A. 92.6 B. 93.00 C. 92.7 D. None of these
16	The charge on a helium nucleus is equal to the charge of.	A. Two electrons B. Two protons C. Two neutrons D. One proton
17	Which of the following proves that light waves are transverse in nature.	A. Diffraction B. Interference C. Polarization D. Refraction
18	What is the human body temperature in Celsius scale.	A. 30 oC B. 36. 9 oC C. 98. 4 oC D. 100 oC
19	Which vector gives the displacement from one point to another in space.	A. Position vector B. Unit vector C. Null vector D. Distance vector
20	Which of the following phenomenon is explained by the tunnel effect.	A. Alpha decay B. Beta decay C. Gama decay D. Radioactivity

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