

## PPSC Physics Mcq's For Full Book

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Sr	Questions	Answers Choice
1	What is the voltage a 6 Mega resistor when 3 A of current passes through it.	A. 2 V B. 9 V C. 18 V D. 36 V
2	When a solid is melting the temperature remains constant even through heat is being supplied because the	A. Heat is being used to break up the intermolecular bonds B. Solid is not absorbing any heat C. Molecules are moving faster D. Molecules are farther a part
3	Candela is the SI base unit of.	A. illuminance B. Luminous flux C. Luminous intensity D. Radiant energy
4	If the gas pressure is increased then its mean free path becomes.	A. More B. Zero C. Infinite D. Less
5	What is the quantitative description of the effect of radiation on the living tissue.	A. Radiation dosimetry B. Radioactive dating C. Telemetry D. Dosage
6	The Step up transformer	A. Increase the input current B. Increases the input voltage C. Has more turns in the primary coil D. Has less time in the secondary coi
7	The dimensions of work are	A. [MLT-2] B. [ML2T-2] C. [ML2T-1] D. [MLT-1]
8	What would be the colour of sky n the absence of atmosphere.	A. Blue B. Indigo C. Red D. Black
9	A small and a large rain drops are falling thgouth all.	A. Large drop falls faster B. Both move with same velocity C. Small drop falls faster D. Small drop does not fall
10	Who invented the first closed tube thermometer in 1713	A. Gabried Fahrenheit B. Galileo C. anders Celsius D. Lord Kelvin
11	The length of piano wire is 1 m and mass is 20 g and it is stretched by a fore of 200 N the fundamental frequency of sound waves produced by the piano will be	A. 50 Hz B. 100 Hz C. 150 HZ D. 250 Hz
12	The resolving power of an instrument increases as the wavelength of light used decreases, the magnifying power will	A. Remain the same B. Increases C. Decreases D. Have no relation between the two
13	Arthur Holly Compton was awarded Nobel prize in.	A. 1923 B. 1927 C. 1931 D. 1934
14	The resistance offered by one cubic meter of a substance is known as.	A. Reactance B. Conductance C. Conductivity D. Resistivity
15	Which law states that a change in the internal energy of a closed thermodynamic system is equal to the difference between the heat supplied to the system and teh amount of work by the system on the surrounding.	A. Zeroth law of thermodynamics B. First law of thermodynamics C. Second law of thermodynamics

		D. I hird law of thermodynamics
16	A tank 3 m long 1 m wide and 0.5 m deep is filled with oil which weight 12,000 N . The pressure on the base of the tank due to oil is.	A. 1,000 Pa B. 4,000 Pa C. 3,000 Pa D. 6,000 Pa
17	In which form energy is stored in acondenser.	A. Electric energy B. Potential energy C. Kinetic energy D. Magnetic energy
18	When 5 C of charge flows through a particular resistor 10 J of energy is converted What is the p.d. across the resistor.	A. 0.5 V B. 2.0 V C. 15 V D. 50 V
19	Which of the following is mechanical property of a material.	A. Strength B. Stiffness C. Ductility D. All of these
20	When we decrease the diameter of the objective lens of a telescope the resolution of telescope	A. Increases B. Decreases C. Remain the same D. Depends upon the focal length of the lens