

PPSC Physics Mcq's For Full Book

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Sr	Questions	Answers Choice
1	Convention is the transfer of thermal energy by means of currents in	A. Pressure B. Temperature C. Liquids D. Fluids
2	Which type of image is produced by the converging lens of human eye if it views a distant object.	A. <div>Real, erect, same size</div> B. <div>Real, inverted, diminished</div> C. Virtual, erect, diminshed D. Virtual, inverted, magnified
3	A mercury in glass thermometer and thermocouple thermometer are both calibrated using the same fixed point of 0 oC and 100 oc when both temperature are used to measure the temperature of a body the temperature measured on both thermometers will be exactly the same	A. For all temperatures between 0 oC and 100 o C only B. Only are the fixed points C. For all temperatures at all times D. When converted to the Kelvin scale
4	The dimensions of universal gravitational constant G are.	A. [MLT-2] B. [ML -2T-2] C. [M-1L2T-2] D. [ML-1T-1]
5	Induced current in a circuit depends upon	A. The speed with which the conductor moves in the magnetic field B. Resistance of the loop C. Direction of the loop D. Shape of the loop
6	A magnetic pole	A. Is made of a magnetic material B. Is a factious quantity C. Is defined in terms of Ampere's law D. Cannot be detected
7	The buoyancy depends upon the	A. Depth to which the body is immersed B. Shape of the body C. Mass of the body D. Mass of the liquid displaced
8	Polaroid's were invented in	A. 1787 B. 1887 C. 1897 D. 1929
9	Most widely used types of gas LASER are	A. Neon B. Argon ion C. Helium D. All of these
10	The strength of photo electric current depends upon.	A. Intensity of incident light B. Frequency of incident light C. Angle of incident light D. Distance between anode and cathode
11	Since a diode permits the flow of current only in one direction so it can be used as.	A. An oscillator B. A rectifier C. A phot deflector D. A transistor
12	On loading the prong of a tuning fork with wax. Its frequency.	A. Increases B. Decreases C. Remain unchanged D. May increase or decrease
13	Which electrical component uses a low current circuit to switch a high current ON or OFF.	A. Capacitor B. Diode C. Reed rely D. Thermistor
14	Two forces each of 10 N magnitude act on a body It the forces are inclined at 30 $^{\rm O}$ and 60 $^{\rm O}$ with x-axis, then the x-component of their resultant is.	A. 10 N B. 1.366 N C. 13.66 N

		D. 1.35 .6 N
15	Which of the following is required for maintaining sustained chain reaction.	A. Neutrons B. Protons C. Electrons D. Photons
16	Tracer techniques make use of.	A. Neutron scattering B. Electron beams C. LASER D. Radioactive isotopes
17	The temperature scale based upon triple point of water was given by	A. Rumford B. Carnot C. Kelvin D. Celsius
18	In half wave rectifier the rms value of A.C. component of the wave is.	A. More than A.C. Value B. Less than D.C. value C. Same as that of D.C. D. Not detectable
19	Polarization is characteristic of.	A. Light wave B. sound waves C. Waver waves D. x-rays
20	What is the part of a simply D.C. motor that reverses the direction of current through the coil every half cycle.	A. Armature B. Brushes C. Commutator D. Slip rings