

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	if two conductors in the same vicinity each possess one coulomb of charge of opposite sign when one volt potential difference is established between them we may say they possess	A. A capacitance of one henry B. An inductance of one henry C. An impedance of one ohm D. A capacitance of one farad
2	Electric Heater operates on the principle of.	A. electromagnetism B. Electromagnetic induction C. Electrolysis D. Momentum
3	The phenomenon of total internal reflection occurs in	A. Optical fibre B. Rainbow C. Mirage D. All of these
4	When speed of a moving body becomes double.	A. Its K.E. is doubled B. Its acceleration is doubled C. Its P.E. is doubled D. Its momentum is double
5	The phase angle between the voltage and current is A.C. circuit though a resistor is.	A. 0 ^o B. 45 ^o C. 90 ^o D. 180 ^o
6	Which of the following quantities is not changed during refraction of light.	A. Its direction B. Its speed C. Its frequency D. Its wavelength
7	Two wires P and Q each of same length and the same material are connected in parallel to battery The diameter of P is half that of Q What fraction of the total current passes through P.	A. 0.02 B. 0.25 C. 0.33 D. 0.50
8	The minimum value of charge on any object is.	A. 1.6×10^{-29} C B. 1.6×10^{-19} C C. 1.6×10^{-9} C D. 1 C
9	A ball mass 0.25 kg is thrown to a height of 20 m The change in G.P.E is	A. 49 J B. 50 J C. -75 J D. 500 J
10	MT-2 is the dimensionless formula of.	A. Moment of inertia B. Viscosity C. surface tension D. Angular acceleration
11	The speed of bodies exceeding the speed of sound is called.	A. Superersonic B. Ultrasonic C. Infrasonic D. Super fast
12	The heat accepted and rejected by a Carnot engine operating between two heat reservoirs defines.	A. The efficiency of the working substance of the engine B. the ideal gas scale of temperature C. The ratio of the absolute temperature of the reservoirs D. The thermal capacity of the working substance
13	Which of the given factors is increased in a step down transformer.	A. Voltage B. Current C. Wattage D. Resistance
14	The terminals of a battery are joined by a length of resistance wire Which change on its own will increase the current though the battery.	A. Connecting the wire with plastic insulation B. Covering the wire with plastic insulation C. Using a shorter wire of the same material and the same thickness D. Using a longer wire of the same material and the same thickness

		D. Using a thinner wire of the same material and the same thickness
15	In simple harmonic motion we have the conservation of.	A. K.E. B. P.E C. Total energy D. Electrical energy
16	The process of getting energy by direct combusting method from the waste products is commonly known as.	A. Solid waste B. Depletion region C. Green house D. Fregmentation
17	When net force acting on a system is zero which of the following will be constant.	A. Force B. Linear momentum C. Angular momentum D. Linear impulse
18	The phenomenon of natural radioactivity was discovered by	A. Lord Rutherford B. James Chadwick C. Herie Becquerel D. Maria curie
19	Which of the following pair does not have identical dimensions.	A. Energy and torque B. Momentum and impulse C. Mass and moment of inertia D. Energy and work
20	Which of the following is an electrostatic generator.	A. Winshurst machines B. Van de Graff generator C. Electrophorus D. All of the above