

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	Two waves of the same frequency and amplitude travelling in opposite directions along the same path in the same medium produce.	A. Stationary waves B. Transverse wave C. Longitudinal waves D. Compressional waves
2	Two uncharged objects A and B are rubbed against each other, when object B is placed near a negatively charged object C the two objects repel each other. Which of these statements is true about object A.	A. It remains uncharged B. It becomes positively charged C. It becomes negatively charged D. It is unpredictable
3	The energy transported by a wave is proportional to the square of the.	A. Wavelength of the wave B. Period of the wave C. Amplitude of the wave D. Frequency of the wave
4	A logic circuit whose output signal is '1' when inputs are different is.	A. NAND gate B. NOR gate C. Exclusive OR gate D. Exclusive NOR gate
5	Which of the following is a renewable source of energy.	A. Oil B. Natural gas C. Uranium D. Sunlight
6	Which of the following physical quantities has different units as compared to others.	A. Weight of a body B. Tension of a string C. Buoyant force D. Electromotive force
7	Temperature of a gas is related to.	A. Total K.E. of the gas molecules B. The K.E. of the centre of mass of the gas C. The P.E. of the centre of mass of the gas D. Total K.E. of the molecules w.r.t the centre of mass of gas
8	Who was awarded Nobel Prize for first artificial atomic transmutation.	A. Yukawa B. Rutherford C. Chadwick D. Becquerel
9	Which law states that magnetization is inversely proportional to temperature for a fixed value of the field.	A. Curie's law B. Voltmeter C. Ammeter D. Wattmeter
10	Ebers-Moll model describes the working of a	A. BJT B. FET C. MOSFET D. UJT
11	A mason of 9.8 N weight is climbing on a 20 m high ladder. The P.E. of mason at the middle of ladder is.	A. 98 J B. 196 J C. 960.4 J D. 980 J
12	A solid object is	A. Not elastic below the elastic limit B. Not elastic above the elastic limit C. Elastic below the elastic limit D. Not elastic at all
13	Reversible alternation of the form or dimensions of a solid body under stress and strain is called.	A. elastic limit B. Plastic limit C. elastic deformation D. Plastic deformation
14	At low frequency the value of resistance of certain capacitors is.	A. small B. Large C. Moderate D. Unmeasurable
		A. The measurement be made while

15	In order to measure the true emf of an electrolytic cell it is necessary that.	charging the cell B. No current be drawn from the cell C. The cell be connected into a type circuit D. The cell be connected into a parallel type circuit
16	When transistor works as an amplifier, its output is.	A. More B. Less C. Zero D. Directly proportional to the input
17	Which circuit elements has two stable states and can be used to store information.	A. Flip flop or latch B. Logic gate C. Oscillator D. Amplifier
18	Restoring force in the SHM is	A. Centripetal B. Frictional C. Conservative D. Non conservative
19	Which thermodynamic law state taht the entropy of a perfect system approaches zero.	A. Zeroth law of thermodynamics B. First law of thermodynamics C. Second law of thermodynamics D. Third law of thermodynamics
20	On which parameter the path difference between two interfering waves depends upon.	A. Amplitude B. Pitch C. Intensity D. Phase angle