

PPSC Physics Mcq's For Full Book

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	Questions	Answers Choice
1	A body attached to a spring is pulled to a distance of 20 cm If the value of spring constant is 48 N m-1, the amount of force applied will be.	A. 4.8 N B. 9.6 N C. 96 N D. 192 N
2	Generally, electrical resistivity of intrinsic semiconductors decreases with increasing.	A. Pressure B. Volume C. Temperature D. Density
3	When a balloon sticks to the whiteboard It is an example of.	A. Conoduction B. Induction C. Polarization D. Conservation of charge
4	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
5	In comparison with the electrostatic force between two electrons the electrostatic force between two protons is.	A. Zero B. Smaller C. Greater D. Same
6	Which of the following phenomenon occurs when two sound waves of equal amplitude and different frequencies travel through the same region.	A. Resonance B. Doppler's effect C. Beats D. Echo
7	The property of an object that causes it to create a magnetic field in opposition to an externally applied magnetic field is.	A. Paramagnetism B. Diamagnetism C. Ferromagnetism D. Demagnetism
8	The Circular motion of a particle with constant speed is.	A. Periodic and SHM B. Periodic but not SHM C. linear and SHM D. Neither periodic nor SHM
9	Electric Heater operates on the principle of.	A. electromagnetism B. Electromagnetic induction C. Electrolysis D. Momentum
10	What can be used as the unit of envery.	A. N m-1 B. V A C. W.s D. V C-1
11	The internal energy of an isolated system	A. Is zero B. Keeps on changing C. Remains constant D. Cannot be judged
12	Image formed by a camera is	A. Real, inverted, and diminished B. Virtual, upright and diminished C. Virtual, upright and magnified D. Real, inverted and magnified
13	The spacing of electric field lines between two identical point charges of opposite signs	A. Is not indication of the field direction B. Is not dependent on the magnitude of the charges C. Is an indication of the field strength D. Is large when the charges are very large
14	Which type of image is formed by a concave lens on a screen.	A. Inverted and real B. Inverted and virtual C. Upright and real

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15	The speed of the charging or discharging a capacitor depends upon the product of resistance and.	A. Current B. Voltage C. Capacitance D. Potential difference
16	Lines of force are imaginary lines drawn so as to be energy point.	A. parallel to equipotential surface B. Normal to the electric field C. Indicative of the position of the nearest source charge D. Tangent to the electric field
17	With increase in temperature the angle of contact of liquid.	A. Increases B. Decreases C. Becomes zero D. First increase then decreases
18	Which of the following phenomenon is explained by the tunnel efffect.	A. Alpha decay B. Beta decay C. Gama decay D. Radioactivity
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	The maximum stress a solid material can sustain with out undergoing permanent deformation is called.	A. elastic limit B. Plastic C. elastic deformation D. Plastic deformation