

## Physics ICS Part 1 Full Book Mcq's Online Test

Sr	Questions	Answers Choice
1	The substance which undergo plastic deformation until break is.	<p>A. <b>Ductile</b></p> <p>B. <b>Hard</b></p> <p>C. <b>soft</b></p> <p>D. <b>Brittle</b></p>
2	Relativistic velocity is of the order of.	<p>A. <math>1/15</math> of the velocity of light</p> <p>B. <math>1/20</math> of the velocity of light</p> <p>C. <math>1/10</math> of the velocity of light</p> <p>D. <math>1/25</math> of the velocity of light</p>
3	Example of mechanical wave is.	<p>A. <b>Water wave</b></p> <p>B. <b>Radio wave</b></p> <p>C. <b>Infrared wave</b></p> <p>D. <b>Ultraviolet</b></p>
4	The current produced when the conductor moves across a magnetic field is called	<p>A. <b>Electric potential</b></p> <p>B. <b>Electrostatic induction</b></p> <p>C. <b>Electromagnetic induction</b></p> <p>D. <b>Electric polarization</b></p>
5	Which of the following is a defining characteristic of a superfluid.	<p>A. <b>Zero Viscosity</b></p> <p>B. <b>Infinite density</b></p> <p>C. <b>Zero temperature</b></p> <p>D. <b>Infinite thermal conductivity</b></p>
6	What is induced when there is a relative motion between coil and the magnet.	<p>A. <b>Potential</b></p> <p>B. <b>emf</b></p> <p>C. <b>Flux</b></p> <p>D. <b>Energy</b></p>
7	In all natural processes where heat flow from one system to another there is always a net increase in	<p>A. <b>Pressure</b></p> <p>B. <b>Entropy</b></p> <p>C. <b>Work</b></p> <p>D. <b>Volume</b></p>
8	The process which is carried out at constant temperature is called.	<p>A. <b>Adiabatic process</b></p> <p>B. <b>Isothermal process</b></p> <p>C. <b>Isochoic process</b></p> <p>D. <b>Isobaric process</b></p>
9	Thermodynamics mostly deals with.	<p>A. <b>Measurement of quantity</b></p> <p>B. <b>Transfer of quantity of heat</b></p> <p>C. <b>Change of state</b></p> <p>D. <b>Conversion of heat to other forms of energy</b></p>
10	Transverse waves can't be produced in	<p>A. <b>Solids</b></p> <p>B. <b>Metal</b></p> <p>C. <b>gas</b></p> <p>D. <b>fluids</b></p>
11	If the vector area is parallel to the field lines, then electric flux is.	<p>A. <b>A maximum</b></p> <p>B. <b>Infinite</b></p> <p>C. <b>Minimum</b></p> <p>D. <b>Remained the same</b></p>
12	Dr abdu Salam of Pakistan was one of contributor to the unification of	<p>A. <b>Electromagnetic force and gravitational force</b></p> <p>B. <b>Electromagnetic force and weak nuclear force</b></p> <p>C. <b>Gravitational force and weak nuclear force</b></p> <p>D. <b>Weak nuclear force and the strong nuclear force.</b></p>
13	If $A \cdot B = 0$ when vector A and B are parallel or anti parallel. then either A or B is a	<p>A. <b>Equal</b></p> <p>B. <b>Null Vector</b></p>

		<p>C. <input type="radio"/> Perpendicular</p> <p>D. <input type="radio"/> Not Zero</p>
14	Maximum power is delivered to a load when internal resistance of source is.	<p>A. <input type="radio"/> Less than load</p> <p>B. <input checked="" type="radio"/> Equal the load resistance</p> <p>C. <input type="radio"/> Greater than the load resistance</p> <p>D. <input type="radio"/> Does not depend on load resistance</p>
15	The projectile gains its maximum gh at an angle of $\theta$	<p>A. <input type="radio"/> <math>0^\circ</math></p> <p>B. <input type="radio"/> <math>45^\circ</math></p> <p>C. <input type="radio"/> <math>60^\circ</math></p> <p>D. <input checked="" type="radio"/> <math>90^\circ</math></p>
16	Which of the following is polymer solid W	<p>A. <input checked="" type="radio"/> Wood</p> <p>B. <input type="radio"/> Glass</p> <p>C. <input type="radio"/> Sodium Chloride</p> <p>D. <input type="radio"/> Copper</p>
17	If an observer is moving in the same direction as a sound wave, the velocity of the wave seems to be	<p>A. <input checked="" type="radio"/> Less</p> <p>B. <input type="radio"/> More</p> <p>C. <input type="radio"/> Constant</p> <p>D. <input type="radio"/> Sum of the two velocities</p>
18	The gas molecules are in	<p>A. <input type="radio"/> Linear motion</p> <p>B. <input checked="" type="radio"/> Random Motion</p> <p>C. <input type="radio"/> Brownian motion</p> <p>D. <input type="radio"/> Circulatory motion</p>
19	Lenz's law is consistent with	<p>A. <input checked="" type="radio"/> Law of conservation of energy</p> <p>B. <input type="radio"/> Law of conservation of charge</p> <p>C. <input type="radio"/> Law of conservation of momentum</p> <p>D. <input type="radio"/> Law of conservation of mass</p>
20	The phenomenon of polarization of light is	<p>A. <input type="radio"/> The process of scattering of light</p> <p>B. <input checked="" type="radio"/> The property of light to vibrate in a specific plane</p> <p>C. <input type="radio"/> The ability of light to travel in a straight line</p> <p>D. <input type="radio"/> The phenomenon of light changing colour</p>