

10th Class Physics English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	A current carrying conductor produces a field around it is called:	A. Electric field B. Magnetic field C. Both a and b D. None of these
2	Changing magnetic field in a closed circuit can induce:	A. e.m.f B. Electric current C. Force D. Both A and B
3	When a uranium (92 protons) ejects a beta particle, how many protons are left in the remaining nucleus?	A. 92 protons B. 91 protons C. 93 protons D. 89 protons
4	In medical field, C.R.O is used to display:	A. <p>Heart beats</p> B. <p>Pictures of organs</p> C. <p>Pictures of bones</p> D. <p>Blood pressure</p>
5	When a potential of 10 volt is applied across a conductor, a current of 5 miliampere flows through it, the resistance of the conductor will be:	A. <p>200 ohm</p> B. <p>2000 ohm</p> C. <p>0.2 ohm</p> D. <p>0.002 ohm</p>
6	Which we double the voltage in a simple electric circuit. We double the	A. Current B. Power C. Resistance D. both a and b
7	The water waves obey the laws of:	A. <p>Reflection</p> B. <p>Refraction</p> C. <p>Diffraction</p> D. <p>All of these</p>
8	The S.I unit of intensity of sound is:	A. Wm B. Wm ² C. Wm ⁻² D. Wm ⁻¹
9	When resistances are connected in series the current passing through them is:	A. <p>Different</p> B. <p>Zero</p> C. <p>The same</p> D. <p>None of these</p>
10	the time period of body attached to spring depend on:	A. <p>mass</p> B. <p>gravitational constant</p> C. <p>length</p> D. <p>amplitude</p>

11	Concave mirror formula is given by:	<p>A. $R = 2r$</p> <p>B. $\sin i / \sin r$</p> <p>C. $1/f = 1/p + 1/q$</p> <p>D. $1/f = 1/p - 1/q$</p>
12	The refractive index of ice is:	<p>A. 1.00</p> <p>B. 1.33</p> <p>C. 1.31</p> <p>D. 2.42</p>
13	When frequency of sound wave is increased, which of the following decreases: Wavelength, Period, Amplitude	<p>A. (i) Only</p> <p>B. (iii) Only</p> <p>C. (i) And (ii) only</p> <p>D. (i) And (iii) only</p>
14	Hard disk is made of:	<p>A. Aluminium</p> <p>B. Copper</p> <p>C. Iron</p> <p>D. Plastic</p>
15	The waves in which particles of the medium vibrate perpendicular to the direction of propagation of waves are called:	<p>A. Transverse waves</p> <p>B. Longitudinal waves</p> <p>C. Electromagnetic waves</p> <p>D. None of these</p>
16	If the potential energy of one coulomb charge is one joule then its potential will be:	<p>A. 5 volt</p> <p>B. 2 volt</p> <p>C. 3 volt</p> <p>D. 1 volt</p>
17	A converging mirror with a radius of 20cm creates a real image 30 cm from the mirror. What is the object distance:	<p>A. 5.0 cm</p> <p>B. 7.5 cm</p> <p>C. 15 cm</p> <p>D. 20 cm</p>
18	The point through which rays of light pass after reflection from concave mirror is called principal:	<p>A. Focus</p> <p>B. Circle</p> <p>C. Axis</p> <p>D. Radius</p>
19	Coaxial cable are used to transmit signals:	<p>A. Magnet</p> <p>B. Electric</p> <p>C. Mechanical</p> <p>D. Both mechanical and magnet</p>
20	According to Coulomb's law , what happens to the attraction of two oppositely charged objects as their distance of separation increases?	<p>A. Increase</p> <p>B. Decreased</p> <p>C. remain unchanged</p> <p>D. can not be determined</p>