

10th Class Physics English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	The phenomena used in capacitor is:	A. electrostatic induction B. induced current C. electric field D. electroscope
2	What happen to the atomic number of an element which emits one alpha particle and a beta particles.	A. Increases by 1 B. Stay the same C. Decrease by 2 D. Decrease by 1
3	The Half life of a certain isotopes is 1 day. What is the quantity of isotopes after 2 days?	A. One half B. One quarter C. One eight D. None of these
4	Specific resistance of copper is _____ x 10 ⁻⁸ Ohm-meter	A. 1.62 B. 1.69 C. 5.25 D. 2.75
5	When a heavy nucleus splits into, lighter nuclei, the process would .	A. Release nuclear energy B. Absorb nuclear energy C. Release chemical energy D. Absorb chemical energy
6	The time period of frequency and time period is equal to:	A. v B. 1 C. 0 D. λ
7	Hard disk is made of:	A. Aluminium B. Copper C. Iron D. Plastic
8	When you rub a plastic rod against your hair several times and put it near some bits of paper, the pieces of papers are attracted towards it. What does this observation indicate:	A. The rod and the paper are oppositely charged B. The rod acquires a positive charge C. The rod and the paper have the same charges D. The rod acquires a negative charge
9	Which combination forms NAND gate:	A. AND & B. AND & NOT C. NOT & D. NAND & NOT
10	Electronics is the study of principles by means of which we control the:	A. Flow of electrons. B. Nuclear fission C. Fusion reaction D. Radiations
11	If we double the distance between two charges, then force becomes	A. 4-times B. 1/4th C. Double

C. Double
D. Half

12	Bouncing back of light after striking the surface is called:	A. Refraction B. Reflection C. Diffraction D. Interference
13	The way of doing business by using web is called:	A. <p class="MsoNormal">Sources of entertainment<o:p></o:p></p> B. <p class="MsoNormal">Web business<o:p></o:p></p> C. <p class="MsoNormal">E-commerce<o:p></o:p></p> D. <p class="MsoNormal">E-mail<o:p></o:p></p>
14	The emission of electron from the surface of hot metal is called:	A. Ionization B. Conduction C. Thermionic emission D. Convection
15	The speed of sound in the air at one atmospheric pressure at room temperature is:	A. 343 ms ⁻¹ B. 346 ms ⁻¹ C. 349 ms ⁻¹ D. 339 ms ⁻¹
16	Which of the following is not processing:	A. <p class="MsoNormal">Arranging<o:p></o:p></p> B. <p class="MsoNormal">Manipulating<o:p></o:p></p> C. <p class="MsoNormal">Calculating<o:p></o:p></p> D. <p class="MsoNormal">Gathering<o:p></o:p></p>
17	If the field is stronger than lines of force are to each other:	A. <p class="MsoNormal">Far away<o:p></o:p></p> B. <p class="MsoNormal">Separated<o:p></o:p></p> C. <p class="MsoNormal">Closer<o:p></o:p></p> D. <p class="MsoNormal">No effect<o:p></o:p></p>
18	Diffraction of wave can be observed clearly only when the size of slit or obstacle is nearly To the wavelength of the wave:	A. <p class="MsoNormal">Two times<o:p></o:p></p> B. <p class="MsoNormal">Equal<o:p></o:p></p> C. <p class="MsoNormal">Four times<o:p></o:p></p> D. <p class="MsoNormal">Half<o:p></o:p></p>
19	If there is divergence of leaves by touching a body with electroscope then the body is:	A. <p class="MsoNormal">Semi conductor<o:p></o:p></p> B. <p class="MsoNormal">Neutral<o:p></o:p></p> C. <p class="MsoNormal">charge body<o:p></o:p></p> D. <p class="MsoNormal">Insulator<o:p></o:p></p>
20	In simple harmonic motion, the acceleration of the body is..... Proportional to the displacement.	A. <p class="MsoNormal">Inversely<o:p></o:p></p> B. <p class="MsoNormal">Directly<o:p></o:p></p> C. <p class="MsoNormal">Equally<o:p></o:p></p> D. <p class="MsoNormal">Ration<o:p></o:p></p>