10th Class Physics English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	Optical fibres works on the principle of:	A. Reflection<o:p></o:p> B. Refraction<o:p></o:p> C. Total internal reflection<o:p></o:p> D. Diffraction<o:p></o:p>
2	The output of a two input NOR gate is 1 when:	A. A is 1 and B is 0<o:p></o:p> B. A is 0 and B is 1<o:p></o:p> C. Both a and b are 0<o:p></o:p> D. Both a and b are 1<o:p></o:p>
3	Positive charge in an electric field always tend to move:	A. Does not move<o:p></o:p> B. From lower to higher potential<o:p></o:p> C. From higher to lower potential<o:p></o:p> D. All of these<o:p></o:p>
4	the resistance of conductor is inversely to:	A. temperature<o:p></o:p> B. length<o:p></o:p> C. area of cross section<o:p></o:p> D. pressure<o:p></o:p>
5	J.J Thomson observed deflection of cathode rays in:	A. 1895<o:p></o:p> B. 1896<o:p></o:p> C. 1897<o:p></o:p> D. 1998<o:p></o:p>
6	If one of the resistors in a parallel circuit is removed, the total resistance will be:	A. Doubled<o:p></o:p> B. Decreased<o:p></o:p> C. Increased<o:p></o:p> D. Remain same<o:p></o:p>
7	In the presence of a charged body, an insulated conductor develops positive charge at one end and negative charge at the other end, this i- called:	A. Electrostatics B. Electrostatic induction C. Magnetism D. Electromagnetic induction
8	How Galvanometer is connected in circuit to detect current:	A. In series<o:p></o:p> B. In parallel<o:p></o:p> C. Fixed<o:p></o:p> D. Variable<o:p></o:p>

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9	by connecting suitable high resistance in series with galvanometer it will convert into:	A. voltmeter<o:p></o:p> B. galvanometer<o:p></o:p> C. ammeter<o:p></o:p> D. multimeter<o:p></o:p>
10	Old people cannot hear sound above than:	A. 1000 Hz<o:p></o:p> B. 15000 Hz<o:p></o:p> C. 20000 Hz<o:p></o:p>
11	The unit of frequency is:	A. Heartz B. Vibration per second C. Cycle per second D. all a, b, c
12	The 1st practical electric battery is known as:	A. Voltaic B. Pile C. Voltaic pile D. Voltaic cell
13	Which we double the voltage in a simple electric circuit. We double the	A. Current B. Power C. Resistance D. both a and b
14	Which is not a hardware:	A. CPU<o:p></o:p> B. Window<o:p></o:p> C. Keyboard<o:p></o:p> D. Mouse<o:p></o:p>
15	Which is the most suitable means of reliable continuous communication between an orbiting satellite and Earth?	A. Microwaves B. Radio waves C. Sound wave D. any light waves
16	Electric current in conductors is due to the flow of:	A. Positive ions B. Negative ions C. Positive charge D. Free electrons
17	Mice can hear frequencies upto:	A. 100, 000 Hz<o:p></o:p> B. 25.000 Hz<o:p></o:p> C. 120,000 Hz<o:p></o:p> D. 1,000 Hz<o:p></o:p>
18	A converging mirror with a radius of 20cm creates a real image 30 cm from the mirror. What is the object distance:	A. 5.0 cm<o:p></o:p> B. 7.5 cm<o:p></o:p> C. 15 cm<o:p></o:p> D. 20 cm<o:p></o:p>
19	The unit of (ρ) in formula R=ρ.L/a is_____.	A. Ω B. Ω-m C. Ω-m² D. Ω-m⁻²
20	The distance between two consecutive waves compressions or rarefactions is called:	A. Focal length<o:p></o:p> B. Wave length<o:p></o:p> C. Frequency<o:p></o:p> D. Time period<o:p></o:p>