

Information and Communication Technology

Sr	Questions	Answers Choice
1	A unit of electric charge, equal to the charge of 6.25×10^{18} electrons is:	<p>A. Electricity</p> <p>B. Coulomb</p> <p>C. Electric potential</p> <p>D. Volt</p>
2	A dielectric must be:	<p>A. Resistor</p> <p>B. Insulator</p> <p>C. Good conductor</p> <p>D. Semi conductor</p>
3	An example of input device of computer is.	<p>A. Key board</p> <p>B. Printer</p> <p>C. Monitor</p> <p>D. RAM</p>
4	What is fitted in telephone receiver?	<p>A. Electromagnet</p> <p>B. Diaphragm</p> <p>C. Both a and b</p> <p>D. None of these</p>
5	Thermocouples convert:	<p>A. Heat energy into electrical energy</p> <p>B. Heat energy into light energy</p> <p>C. Heat energy into mechanical energy</p> <p>D. Chemical energy into electrical energy</p>
6	The device which is used to convert sound waves into electrical signal is called:	<p>A. Ear piece</p> <p>B. Microphone</p> <p>C. Transmission channel</p> <p>D. Receiver</p>
7	Specific resistance of aluminium in ($10^{-8} \Omega.m$) is:	<p>A. 1.7</p> <p>B. 2.75</p> <p>C. 5.25</p> <p>D. 1.69</p>
8	Which is not a hardware device?	<p>A. CPU</p> <p>B. Windows</p> <p>C. Keyboard</p> <p>D. Mouse</p>
9	Which memory consists of integrated circuits?	<p>A. Primary memory</p> <p>B. Audio cassette</p> <p>C. Video cassette</p> <p>D. Compact cassette</p>
10	the insulator between the plates of capacitor is called:	<p>A. dielectric</p> <p>B. capacitance</p> <p>C. resistivity</p>

		<p>D. ϵ_0 permittivity</p>
11	In liquids and gases the current is due to the motion of:	<p>A. Negative charges</p> <p>B. Positive charges</p> <p>C. Both positive and negative charges</p> <p>D. None of these</p>
12	Resistance of a wire of conductor of $2\ \Omega$ resistance is doubled:	<p>A. $4\ \Omega$</p> <p>B. $6\ \Omega$</p> <p>C. $8\ \Omega$</p> <p>D. $10\ \Omega$</p>
13	Which process is involved to store charge in capacitors:	<p>A. Rubbing</p> <p>B. Electrostatic induction</p> <p>C. Conduction</p> <p>D. Electromagnetic induction</p>
14	What is the voltage across a $6\ \Omega$ resistor when $3\ \text{A}$ of current passes through it:	<p>A. $2\ \text{V}$</p> <p>B. $9\ \text{V}$</p> <p>C. $18\ \text{V}$</p> <p>D. $36\ \text{V}$</p>
15	A data storage device is.	<p>A. Printer</p> <p>B. Hard disk</p> <p>C. Monitor</p> <p>D. CPU</p>
16	Electric potential and e.m.f.:	<p>A. Are the same terms</p> <p>B. Are the different terms</p> <p>C. Have different units</p> <p>D. Both b and c</p>
17	The capacitance of a parallel plate capacitor is $100\ \text{pF}$ and the potential difference between its plate is $50\ \text{volts}$. What is the quantity of charge on its plates:	<p>A. $5000\ \text{C}$</p> <p>B. $50\ \text{C}$</p> <p>C. $5\ \text{nC}$</p> <p>D. $5\ \text{NC}$</p>
18	which is a major cause of fires and explosions at many places:	<p>A. match sticks</p> <p>B. bombs</p> <p>C. static electricity</p> <p>D. magnetism</p>
19	Information storage devices work on the principles of	<p>A. Heat</p> <p>B. Sound</p> <p>C. Light</p> <p>D. Magnetism</p>
20	$F =$	<p>A. qE</p> <p>B. $q \cdot E$</p> <p>C. q/E</p> <p>D. $q + E$</p>

