

Physics 10th Class English Medium Online Test

Sr	Questions	Answers Choice
1	A dielectric must be:	A. ☐ Resistor B. ☒ Insulator C. ☐ Good conductor D. ☐ Semi conductor
2	A capacitor stores 0.24 coulombs at 10 volts. It capacitance is:	A. ☒ 0.024F B. ☐ 0.12F C. ☐ 0.6F D. ☐ 0.8F
3	The direction of electric field lines due to positive charge is:	A. ☒ A way from the charge B. ☐ Towards the charge C. ☐ Both a and b D. ☐ None of these
4	$1.6 \times 10^{-19} \text{ J} =$:	A. ☐ 1F B. ☐ 1F C. ☐ 1N D. ☒ 1eV
5	The presence of fish by the other fish can be detected by:	A. ☐ Magnetic field B. ☒ Electric field C. ☐ Gravitational field D. ☐ All of above
6	Which process is involved to store charge in capacitors:	A. ☐ Rubbing B. ☒ Electrostatic induction C. ☐ Conduction D. ☐ Electromagnetic induction
7	Application of electrostatic is:	A. ☐ Car painting B. ☐ Photocopying C. ☐ Extracting of dust D. ☒ All of these
8	Which is the unit of energy:	A. ☐ KWh B. ☐ Electron volt C. ☐ Joule D. ☐ None of these

		<p>D. <p class="MsoNormal">>All of above</p></p></p></p> </p>
9	One joule per coulomb is called:	<p>A. <p class="MsoNormal">>Volt</p></p></p></p> <p>B. <p class="MsoNormal">>Farad</p></p></p></p> <p>C. <p class="MsoNormal">>Ampere</p></p></p></p> <p>D. <p class="MsoNormal">>Tesla</p></p></p></p> </p></p></p></p>
10	In series combination of capacitors, each capacitor will have same:	<p>A. <p class="MsoNormal">>Voltage</p></p></p></p> <p>B. <p class="MsoNormal">>Charge</p></p></p></p> <p>C. <p class="MsoNormal">>Capacitance</p></p></p></p> <p>D. <p class="MsoNormal">>Charge and voltage</p></p></p></p> </p></p></p></p>
11	the insulator between the plates of capacitor is called:	<p>A. <p class="MsoNormal">>dielectric</p></p></p></p> <p>B. <p class="MsoNormal">>capacitance</p></p></p></p> <p>C. <p class="MsoNormal">>resistivity</p></p></p></p> <p>D. <p class="MsoNormal">>permittivity</p></p></p></p> </p></p></p></p>
12	parallel plate consists of 2 metal plates separated by:	<p>A. <p class="MsoNormal">>conductor</p></p></p></p> <p>B. <p class="MsoNormal">>insulator</p></p></p></p> <p>C. <p class="MsoNormal">>wooden plate</p></p></p></p> <p>D. <p class="MsoNormal">>plastic foam</p></p></p></p> </p></p></p></p>