

Physics 10th Class English Medium Online Test

Sr	Questions	Answers Choice
1	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>
2	The capacitance of a parallel plate capacitor is 100 pF and the potential difference between its plate is 50 volts. What is the quantity of charge on its plates:	A. <p class="MsoNormal">5000c<o:p></o:p></p> B. <p class="MsoNormal">50c<o:p></o:p></p> C. <p class="MsoNormal">5nC<o:p></o:p></p> D. <p class="MsoNormal">5NC<o:p></o:p></p>
3	Capacitors that are used in resonant circuits that tune radios to particular frequencies, such circuits are called:	A. <p class="MsoNormal">Series circuits<o:p></o:p></p> B. <p class="MsoNormal">Filter circuits<o:p></o:p></p> C. <p class="MsoNormal">Parallel circuits<o:p></o:p></p> D. <p class="MsoNormal">AC circuits<o:p></o:p></p>
4	Each volt of lightening contains energy:	A. <p class="MsoNormal">4x10⁶ joules<o:p></o:p></p> B. <p class="MsoNormal">1000 joules<o:p></o:p></p> C. <p class="MsoNormal">1000 million joules<o:p></o:p></p> D. <p class="MsoNormal">10 joules<o:p></o:p></p>
5	Which type of capacitor is cylindrical in shape:	A. <p class="MsoNormal">Paper capacitor<o:p></o:p></p> B. <p class="MsoNormal">Mica capacitor<o:p></o:p></p> C. <p class="MsoNormal">Variable capacitor<o:p></o:p></p> D. <p class="MsoNormal">Plates capacitor<o:p></o:p></p>
6	In electrostatic all charges are in:	A. <p class="MsoNormal">The same direction<o:p></o:p></p> B. <p class="MsoNormal">Opposite direction<o:p></o:p></p> C. <p class="MsoNormal">Motion<o:p></o:p></p> D. <p class="MsoNormal">Static state<o:p></o:p></p>
7	When a positive charge of 2 coulombs is placed at a point in an electric field, it experiences a force of 6N. The intensity of electric field at this point is:	A. <p class="MsoNormal">6 NC¹<o:p></o:p></p> B. <p class="MsoNormal">3 NC¹<o:p></o:p></p> C. <p class="MsoNormal">12 NC⁻¹<o:p></o:p></p> D. <p class="MsoNormal">1.5 NC⁻¹<o:p></o:p></p>
8	What will be the capacitance of capacitor by joining them in parallel:	A. <p class="MsoNormal">Increased<o:p></o:p></p> B. <p class="MsoNormal">Much less<o:p></o:p></p> C. <p class="MsoNormal">Decrease<o:p></o:p></p> D. <p class="MsoNormal">No change<o:p></o:p></p>

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- 9 The product of charge 'q' and potential difference is equal to:
- A. <p class="MsoNormal">Power</o:p>
B. <p class="MsoNormal">Force</o:p>
C. <p class="MsoNormal">Capacitance</o:p>
D. <p class="MsoNormal">Energy</o:p>
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- 10 If the potential energy of none coulomb charge is one joule then its potential will be:
- A. <p class="MsoNormal">5 volt</o:p>
B. <p class="MsoNormal">2 volt</o:p>
C. <p class="MsoNormal">3 volt</o:p>
D. <p class="MsoNormal">1 volt</o:p>
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- 11 If the field is stronger than lines of force are to each other:
- A. <p class="MsoNormal">Far away</o:p></p>
B. <p class="MsoNormal">Separated</o:p>
C. <p class="MsoNormal">Closer</o:p>
D. <p class="MsoNormal">No effect</o:p></p>
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- 12 If a neutral body is brought near to the electroscope its leaves:
- A. <p class="MsoNormal">Diverge</o:p>
B. <p class="MsoNormal">Contract</o:p>
C. <p class="MsoNormal">Shut</o:p>
D. <p class="MsoNormal">Remain in normal position</o:p></p>