

Electromagnetism

Sr	Questions	Answers Choice
1	According to Fleming's left hand rule the direction of magnetic field is indicated by:	A. Thumb B. Forefinger C. Middle finger D. Right hand rule
2	A.C generator works on the principle of:	A. Electrostatic induction B. Electromagnetic induction C. Law of gravitation D. Third law of motion
3	To see from submarine and the ship at the surface of water, we use:	A. <p>class="MsoNormal">Telescope<o:p></o:p></p> B. <p>class="MsoNormal">Microscope<o:p></o:p></p> C. <p>class="MsoNormal">Periscope<o:p></o:p></p> D. <p>class="MsoNormal">Prism<o:p></o:p></p></p></p></p></p>
4	Which device has two coils, primary and secondary?	A. D.C. Motor B. Transformer C. A.C. generator D. a and b
5	Number of poles in a magnet is:	A. One B. Two C. Three D. Unlimited
6	Magnetic effect of electric current was first discovered by:	A. Faraday B. Ampere C. Volta D. Lenz
7	The refracted light striking to the side of prism is called:	A. <p>class="MsoNormal">Refracted ray<o:p></o:p></p> B. <p>class="MsoNormal">Incident ray<o:p></o:p></p> C. <p>class="MsoNormal">Reflected ray<o:p></o:p></p> D. <p>class="MsoNormal">Emergent ray<o:p></o:p></p></p></p></p></p>
8	The line which passes through pole of the mirror and center of curvature is called principal:	A. <p>class="MsoNormal">Axis<o:p></o:p></p> B. <p>class="MsoNormal">Focus<o:p></o:p></p> C. <p>class="MsoNormal">Line<o:p></o:p></p> D. <p>class="MsoNormal">None of these<o:p></o:p></p></p></p></p></p>
9	In totally reflecting prism one angle is of:	A. <p>class="MsoNormal">45°<o:p></o:p></p> B. <p>class="MsoNormal">90°<o:p></o:p></p> C. <p>class="MsoNormal">180°<o:p></o:p></p> D. <p>class="MsoNormal">120°<o:p></o:p></p></p></p></p></p>
10	Totally reflecting prism is used in:	A. <p>class="MsoNormal">Periscope<o:p></o:p></p> B. <p>class="MsoNormal">Binoculars<o:p></o:p></p> C. <p>class="MsoNormal">Periscope and binocular<o:p></o:p></p> D. <p>class="MsoNormal">Telescope<o:p></o:p></p></p></p></p></p>

11	If the change of current in a circuit induces a current in another circuit, this phenomena is known as:	<p>A. Self induction B. Mutual induction C. Electromagnetic induction D. None mutual induction</p>
12	In totally reflecting prism one angle is of 90° , and other two angles are of:	<p>A. $30^\circ, 30^\circ$ B. $45^\circ, 90^\circ$ C. $45^\circ, 45^\circ$ D. $40^\circ, 40^\circ$</p>
13	Eight bits combine to form:	<p>A. A byte B. Megabyte C. Kilobyte D. Gigabyte</p>
14	The direction of induced e.m.f. in a circuit is in accordance with conservation of.	<p>A. Mass B. Charge C. Momentum D. Energy</p>
15	The instrument which is used to display the magnitude of changing electric current is called:	<p>A. Evacuated tube B. Cathode rays oscilloscope C. Television tube D. Picture tube</p>
16	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:	<p>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</p>
17	Spherical mirrors are used in:	<p>A. Medical B. Search light C. Microscope D. All of these</p>
18	Bouncing back of light after striking the surface is called:	<p>A. Refraction B. Reflection C. Diffraction D. Interference</p>

19 Who discovered Electromagnetic induction?

- A. Michael Faraday
 - B. Fleming
 - C. Ohm
 - D. Coulomb
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20 Which statement is true about the magnetic poles?

- A. Unlike poles repel
 - B. Like poles attract
 - C. Magnetic poles do not effect each other
 - D. A single magnetic pole does not exist
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