

Science

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(Chapter 13)(Magnetic Effects of Electric Current)

Class - 10

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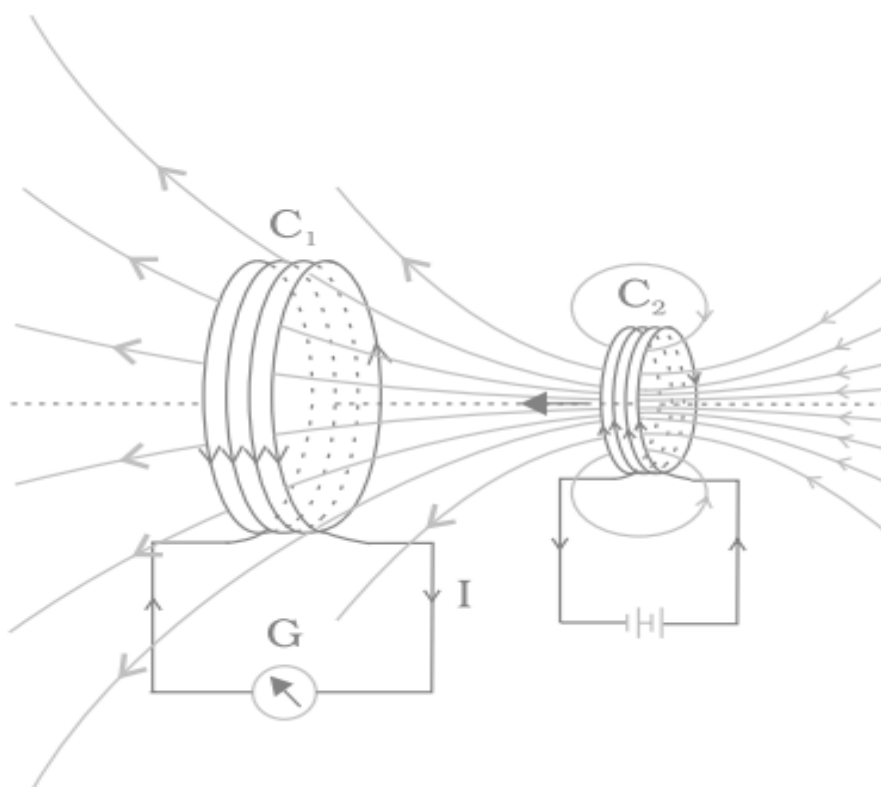
Question 1:

Explain different ways to induce current in a coil.

Answer 1:

Different ways to induce current in a coil are as given below:

- If a magnetic field is changed around a coil then an induced current is set up in the coil. It can be done by taking a bar magnet and bringing it closer to the coil or taking it away from the coil.
- If a coil is moved in a magnetic field, then again an induced current is set up in the coil.
- If a coil is rotated in a uniform magnetic field, it may also produce an induced current in the coil.



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