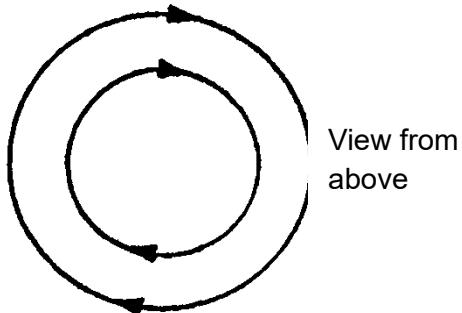


- 23** A small flat circular coil lies inside a similar larger coil. Each coil carries a current as shown in the figure below.

What is experienced by the small coil due to these currents?



- A** a torque about a horizontal axis
- B** a torque about a vertical axis
- C** a vertical force along the axis
- D** no resultant force