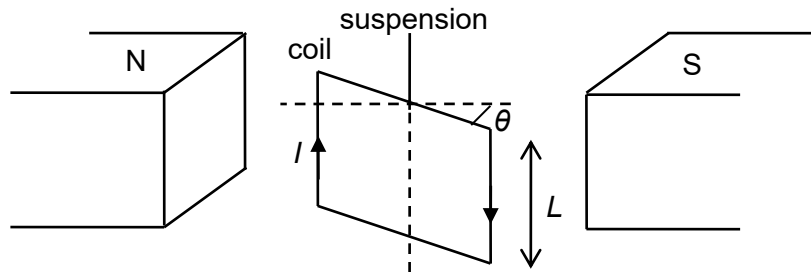


- 23 A current  $I$  is carried by a rectangular coil of  $n$  turns and side  $L$  suspended vertically as shown in a uniform horizontal magnetic field of flux density  $B$ .



Which of the following diagrams, viewed from the top, correctly shows the magnitude and direction of the forces acting on the vertical sides of the coil?

