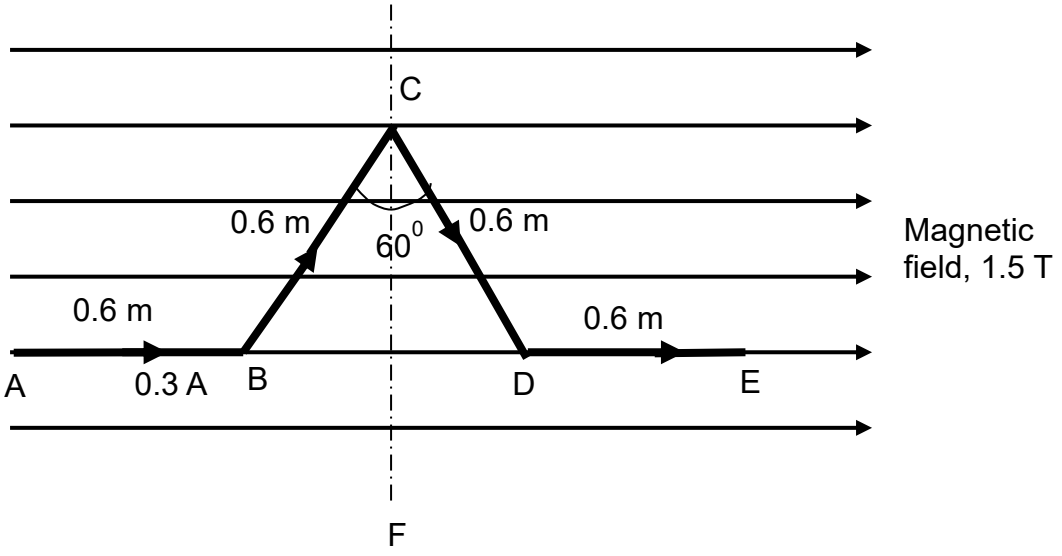
24 A current of 0.3 A flows in a conductor ABCDE that lies on the plane of the paper as shown in the figure below.



The conductor is inside a region of a uniform magnetic field having a magnetic field strength of 1.5 T. AB and DE are parallel to the magnetic field. Angle BCD is 60°. The lengths of segments AB, BC, CD and DE are 0.6 m each.

Which of the following describe the resultant force and resultant torque on the conductor?

	magnitude of resultant force	torque (view from the top)
A	0 N	Clockwise about CF
B	0 N	No resultant torque
C	0.47 N	Anti-clockwise about CF
D	0.47 N	No resultant torque