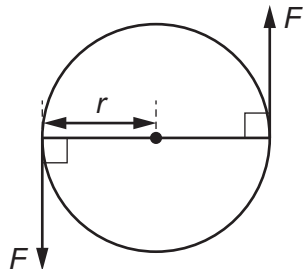**12** A disc of radius r is acted upon by two opposite forces, each of magnitude F. The forces form a couple, as shown.

What is the torque of this couple?

A $\frac{1}{2}Fr$ **B** Fr **C** $2Fr$ **D** $4Fr$