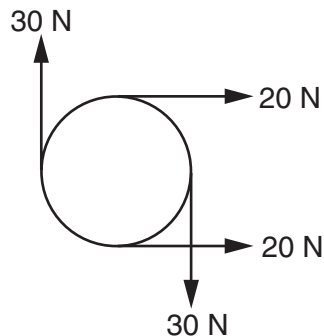


**13** The diagram shows four forces applied to a circular object.



Which of the following describes the resultant force and resultant torque on the object?

	resultant force	resultant torque
<b>A</b>	zero	zero
<b>B</b>	zero	non-zero
<b>C</b>	non-zero	zero
<b>D</b>	non-zero	non-zero

**14** A balloon is acted upon by three forces: weight, upthrust and sideways force due to the wind, as