

- 14** A submarine has circular windows of diameter 0.30 m. The windows can experience a maximum external pressure of 660 kPa before they crack.

What is the minimum external force needed to crack the windows?

- A** 47 000 N **B** 190 000 N **C** 310 000 N **D** 620 000 N

- 15** Four beams of the same length each have three forces acting on them.

Which beam has both zero resultant force and zero resultant torque acting?

