

12 A student states that:

'If an object is in equilibrium, the sum of the clockwise moments about a point X is equal to the sum of the anticlockwise moments about a point Y.'

Which condition would make the student's statement correct?

- A** Either X or Y is the centre of gravity of the object.
- B** Either X or Y is the pivot of the object.
- C** X and Y are at opposite ends of the object.
- D** X and Y are the same point on the object.