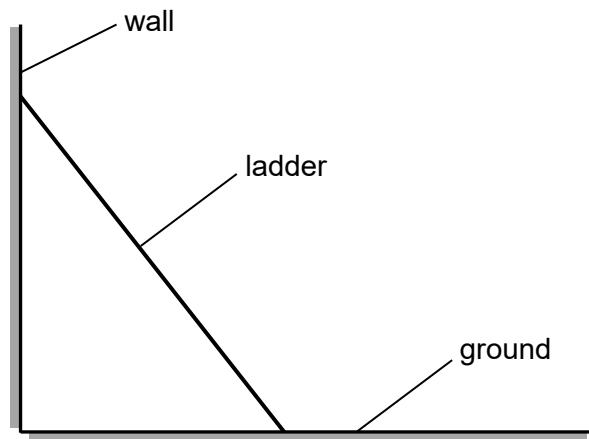


- 5 A ladder is placed between a vertical wall and horizontal ground. The wall and ground can be either smooth or rough.



The table below shows the various combinations of roughness and smoothness for the two surfaces.

	wall	ground
(i)	smooth	smooth
(ii)	rough	smooth
(iii)	smooth	rough
(iv)	rough	rough

Which option shows the ladder in static equilibrium?

- A (iv) only
- B (ii) and (iv) only
- C (iii) and (iv) only
- D (ii), (iii) and (iv) only