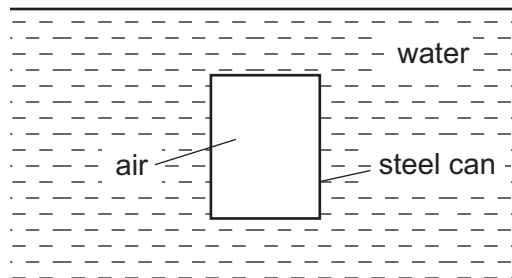


12 A sealed cylindrical steel can is situated below the surface of water.



What is the origin of the upthrust that acts on the can?

- A** The air pressure in the can is less than the water pressure outside the can.
- B** The average density of the air and steel is less than the density of water.
- C** The water pressure on the bottom of the can is greater than the water pressure on the top.
- D** The weight of displaced water acts upwards on the can.

Space for working