

- 10** A ball falls through a liquid at a constant speed. It is acted upon by three forces: an upthrust, a drag force and its weight.

The liquid has a uniform density.

Which statement is correct?

- A** The drag force increases with increasing depth.
- B** The drag force is equal to the sum of the upthrust and weight.
- C** The upthrust is constant with increasing depth.
- D** The weight is greater than the sum of the drag force and the upthrust.