

- 8** An incompressible object is fully submerged in a fluid.

Which of the following quantities is the upthrust experienced by the object independent of?

- (i) depth of the object in the fluid
- (ii) density of the fluid
- (iii) density of the object
- (iv) gravitational field strength

- A** (i) only
- B** (i) and (iii) only
- C** (ii) and (iv) only
- D** None of the above