

- 22 Which row correctly describes the ordering and motion of the molecules in water and in ice when both are at a temperature of 0 °C?

	ordering	motion
<b>A</b>	a regular pattern of molecules in ice but not in water	molecules in both ice and water have the same average speed
<b>B</b>	a regular pattern of molecules in ice but not in water	molecules in ice travel more slowly than those in water
<b>C</b>	a regular pattern of molecules in both ice and water	molecules in ice travel more slowly than those in water
<b>D</b>	a regular pattern of molecules in both ice and water	molecules in both ice and water have the same average speed

- 23 The diagram shows a rectangular block of mass 8.2 kg immersed in sea water of density