

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

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

- 20 The maximum pressure that granite rock can withstand is  $2.0 \times 10^8 \text{ N m}^{-2}$ . Above this pressure,