

## 5.1 Physical Characteristic of water

1. Based on the physical characteristic of water, determine the statements given are **True or False**. Write your answers in the space provided.



Statement	True/ False
Water is colourless and tasteless	
Water has density of $1000 \text{ g cm}^{-3}$	
Water has melting point of $0^\circ\text{C}$	
Water has boiling point of $100^\circ\text{C}$	

2. **Match** the following situations to the **correct physical characteristics of water**.

Situation <i>Situasi</i>	Physical characteristic of water <i>Sifat fizik air</i>
<p>(a)</p>	<p>(i) Shows the capillary action of water <i>Menunjukkan tindakan kapilari air</i></p>
<p>(b)</p>	<p>(ii) Determines the freezing point of water <i>Menentukan takat beku air</i></p>
<p>(c)</p>	<p>(iii) Shows the surface tension of water <i>Menunjukkan tegangan permukaan air</i></p>
<p>(d)</p>	<p>(iv) Determines the boiling point of water <i>Menentukan takat didih air</i></p>