

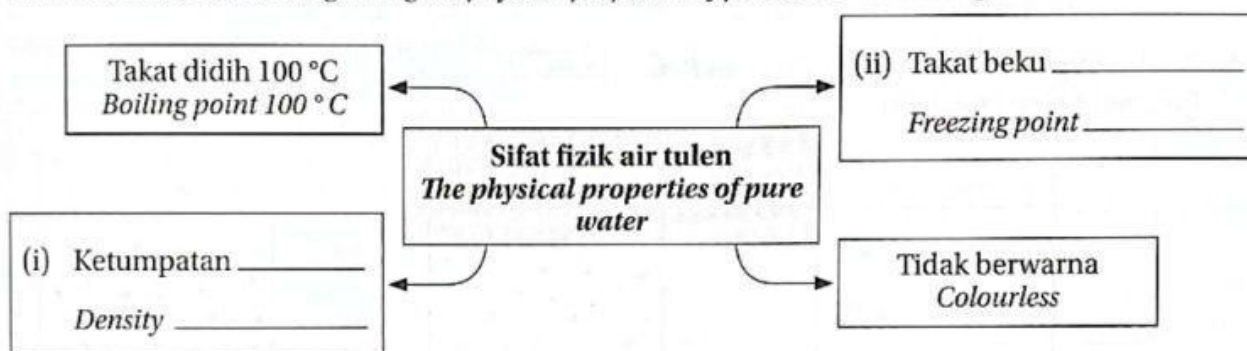
**5.1 Sifat Fizik Air / Physical Characteristics of Water**

- 1 (a) Tandakan (✓) pada pernyataan yang betul mengenai air. **TP2** **BT ms. 96**  
 Tick (✓) the correct statements about water.

|                                                                                                      |  |
|------------------------------------------------------------------------------------------------------|--|
| (i) Meliputi 60% permukaan Bumi<br><i>Covers 60% of the Earth's surface</i>                          |  |
| (ii) Wujud sebagai cecair pada suhu bilik<br><i>Exists as liquid at room temperature</i>             |  |
| (iii) Merupakan keperluan asas bagi semua hidupan<br><i>It is a basic need for all living things</i> |  |

[2 markah/marks]

- (b) Isi jawapan yang betul berkenaan sifat fizik air tulen dalam rajah di bawah. **TP1** **BT ms. 96**  
 Fill in the correct answer regarding the physical properties of pure water in the diagram below.



[2 markah/marks]

- 2 (a) Padankan istilah berikut dengan betul. **TP2** **BT ms. 96**  
 Match the following terms correctly.

|                                            |                                                                                             |
|--------------------------------------------|---------------------------------------------------------------------------------------------|
| (i) Daya lekatan<br><i>Adhesive force</i>  | • Daya tarikan antara molekul yang sama<br><i>Attraction between the same molecules</i>     |
| (ii) Daya lekitan<br><i>Cohesive force</i> | • Daya tarikan antara molekul yang berbeza<br><i>Attraction between different molecules</i> |

[2 markah/marks]

- (b) Isi situasi di bawah dengan daya yang terlibat. **TP3** **BT ms. 96**  
 Fill in the situation below with the force involved.

Daya lekatan  
*Adhesive force*

Daya lekitan  
*Cohesive force*

Daya lekatan dan daya lekitan  
*Adhesive force and cohesive force*



(i) \_\_\_\_\_



(ii) \_\_\_\_\_

[2 markah/marks]