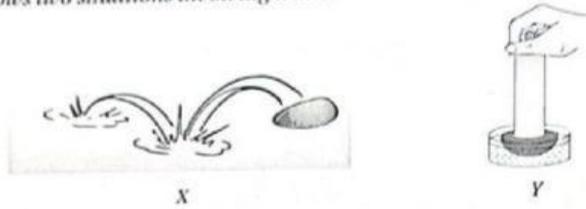


**Bahagian C / Section C**

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

- 7 (a) Rajah 3.1 menunjukkan dua situasi yang melibatkan air. **(BT ms. 96 - 105)**  
 Diagram 3.1 shows two situations involving water.



**Rajah 3.1 / Diagram 3.1**

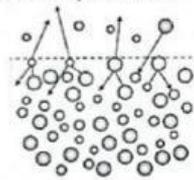
- (i) Nyatakan daya yang terlibat dalam situasi X dan Y. **(TP1)**  
 State the forces involved in situations X and Y.

\_\_\_\_\_ and \_\_\_\_\_ force. [2 markah/marks]

- (ii) Namakan fenomena yang berlaku di Y. Jelaskan. **(TP2)**  
 Name the phenomenon that occurs in Y. Explain.

The \_\_\_\_\_ between water molecules and the \_\_\_\_\_  
 between the water molecules and the chromatography paper allows water to  
 rise upwards [3 markah/marks]

- (b) Rajah 3.2 menunjukkan proses penyejatan air.  
 Diagram 3.2 shows the process of water evaporation.



**Rajah 3.2 / Diagram 3.2**

- (i) Terangkan proses dalam Rajah 3.2 dengan menggunakan Teori Kinetik Jirim. **(TP3)**  
 Explain the process in Diagram 3.2 using the Kinetic Theory of Matter.

Water molecules on the surface have \_\_\_\_\_ kinetic energy  
 The water molecules moves \_\_\_\_\_ and escape into the air. \_\_\_\_\_  
[2 markah/marks]

- (ii) Atikah menjemur dua helai baju di dua tempat yang berbeza. Dia mendapati baju yang dijemur di bawah kipas lebih cepat kering berbanding dengan baju yang dijemur di dalam bilik. **(TP3)**  
 Atikah hung two pieces of clothes at two different places. She noticed that the clothing hung under the fan dried faster than the clothing hung in the room.

Nyatakan **satu** faktor yang mempengaruhi kadar penyejatan bagi situasi di atas. Terangkan.  
 State **one** factor that influences the rate of evaporation in the above situation. Explain.

Air \_\_\_\_\_ factor. The movement of air carries water \_\_\_\_\_ in the air  
 to the other place. The wind causes the air on the \_\_\_\_\_ of the water to dry  
 out and water to \_\_\_\_\_. [3 markah/marks]

evaporate

movement

surface

vapour