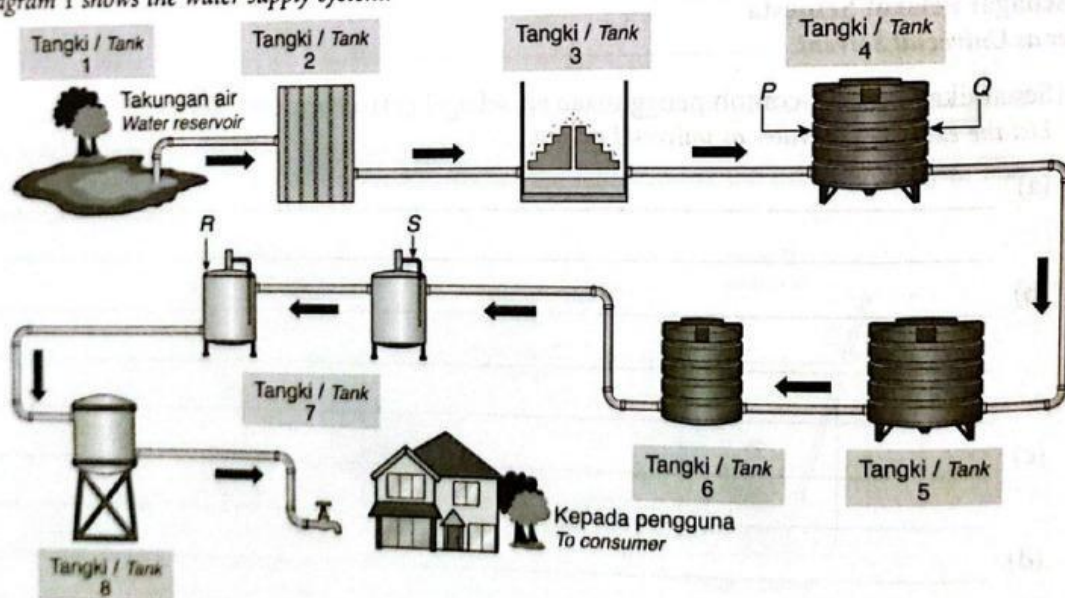


1. Rajah 1 menunjukkan sistem pembekalan air. (TP 2)

Diagram 1 shows the water supply system.



Rajah 1 / Diagram 1

- (a) Namakan proses yang berlaku dalam tangki berikut.  
Name the processes that happen in the following tanks.

(i) Tangki 2 / Tank 2: \_\_\_\_\_

(ii) Tangki 3 / Tank 3: \_\_\_\_\_

(iii) Tangki 4 / Tank 4: \_\_\_\_\_

(iv) Tangki 5 / Tank 5: \_\_\_\_\_

(v) Tangki 6 / Tank 6: \_\_\_\_\_

(vi) Tangki 7 / Tank 7: \_\_\_\_\_

... Namakan P dan Q serta

- (b) Di dalam tangki 4, dua bahan, iaitu P dan Q ditambah dalam air. Namakan P dan Q serta fungsinya. **TP 2**  
*In tank 4, two substances P and Q were added to the water. Name P and Q with their functions. TP 2*

| Bahan<br>Material | Nama bahan<br>Material's name | Fungsi<br>Function |
|-------------------|-------------------------------|--------------------|
| P                 | Alum                          |                    |
| Q                 | Slaked lime                   |                    |

Bab 5

- (c) Tangki 6 terdiri daripada tiga lapisan, iaitu pasir halus, pasir kasar dan batu kerikil. Pada pendapat anda, mengapakah lapisan tersebut disusun seperti ini? **TP 4**  
*Tank 6 consists of three layers of fine sand, coarse sand and gravel. In your opinion, why are the layers arranged in the way? KBAT Menganalisis*

water

move

trap

This will fine and large particles from the start and allow to downward easily.

- (d) Nyatakan dua bendasing yang dapat disingkirkan dalam tangki 6. **TP 1**  
*State the two impurities that are removed in tank 6.*

- (i) \_\_\_\_\_  
 (ii) \_\_\_\_\_

- (e) Mengapakah klorin dan fluorida ditambah ke dalam air dalam tangki 7? **TP 2**  
*Why are chlorine and fluoride added to the water in tank 7?*

Chlorine is to microorganisms in the water. Fluoride is to dental

prevent decay kill

- (f) Terangkan kepentingan pembersihan air **TP 4**  
*Explain the importance of purifying water. KBAT Menganalisis*

Water is very for our existence. With the increasing rate of pollution, water has become more . Through water , we can avoid drinking or using contaminated water that is for our lives.

purification

contaminated

harmful

essential