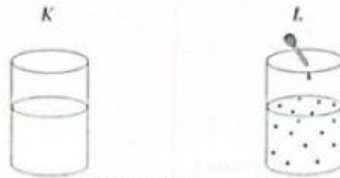


5.2 Larutan dan Kadar Keterlarutan / Solution and Rate of Solubility

5.3 Pembersihan dan Pembekalan Air / Water Purification and Water Supply

- 8 (a) Rajah 4 menunjukkan dua jenis campuran. (BT ms. 106 - 117)
Diagram 4 shows two types of mixtures.



Rajah 4 / Diagram 4

- (i) Nyatakan jenis campuran K dan L. (TP3)
State the type of mixture for K and L.

K :

L :

[2 markah/marks]

- (ii) Campuran L kelihatan lebih keruh. Jelaskan. (TP3)
The L mixture looks cloudier. Explain.

[1 markah/mark]

- (iii) Beri dua ciri campuran K. (TP4) (KBAT) Menganalisis
Give two characteristics of mixture K.

i.

ii.

iii.

[2 markah/marks]

Intermediate between a solution and a suspension,
neither form a clear mixture nor precipitate

Transparent

Does not leave any residue when filtered

small size of solute

- (b) Izzul Fahmi bersama beberapa orang rakannya sedang mendaki gunung. Mereka singgah berehat di kaki gunung dan di tepi sebatang sungai.
Izzul Fahmi and some of his friends were climbing a mountain. They stopped to rest at the foot of the mountain and by a river.

- (i) Adakah air sungai tersebut selamat untuk diminum oleh mereka? Jelaskan. (TP5) (KBAT) Menilai
Is the river water safe for them to drink? Explain.

[2 markah/marks]

- (ii) Cadangkan satu kaedah pembersihan air yang perlu dilakukan oleh mereka untuk mendapatkan air yang bersih dan selamat untuk diminum. (TP3)
Suggest a water purification method that they need to perform to get clean and safe water to drink.

[1 markah/mark]

- (iii) Jika mereka menggunakan kaedah penyulingan, adakah air sungai tersebut sesuai untuk diminum? Jelaskan. (TP5) (KBAT) Menilai
If they use the distillation method, is the river water suitable for drinking? Explain.

[2 markah/marks]