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SECTION B (20 marks)
BAHAGIAN B (20 markah)

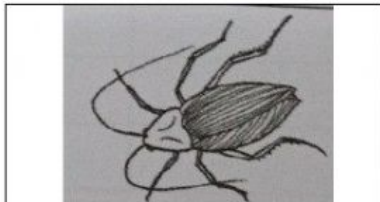
1. Infectious diseases can be spread through water.
Penyakit berjangkit boleh disebarkan melalui air.

- (a) Circle **two** examples of infectious diseases spreading through water.
*Bulatkan **dua** contoh penyakit berjangkit yang tersebar melalui air.*

Cholera <i>Kolera</i>	Typhoid fever <i>Demam kepialu</i>	Chicken pox <i>Cacar air</i>	Tuberculosis <i>Batuk kering</i>
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[2 marks / 2 markah]

- (b) Match the following diseases with their vectors.
Padankan penyakit berikut dengan vektornya.



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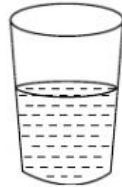
Zika
Zika

Typoid fever
Demam kepialu

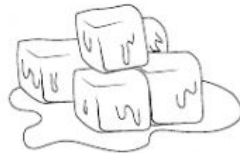
[2 marks / 2 markah]

2. (a) The following table shows the three states of water. Complete the table below by filling the words **solid**, **liquid** or **gas** in the boxes provided to indicate the correct state of matter.

*Jadual di bawah menunjukkan tiga keadaan air. Lengkapkan jadual di bawah dengan mengisi perkataan **pepejal**, **cecair** atau **gas** di dalam petak yang disediakan untuk menunjukkan keadaan jirim air yang betul.*



Water /Air



Ice cubes /Kiub ais



Water vapour/ Wap air

[3 marks / 3 markah]

- (b) Tick (✓) the correct characteristics of water.

Tandakan (✓) ciri-ciri yang betul bagi air.

Has a definite shape. <i>Mempunyai bentuk yang tetap.</i>	
Flows easily. <i>Mudah mengalir.</i>	

[1 mark/ 1 markah]

3. (a) Diagram 1.1 shows a gas cylinder.

Rajah 1.1 menunjukkan sebuah silinder gas.



Diagram 1.1 /Rajah 1.1

Underline the correct answer about the safety measures when using a high pressure gas cylinder.

Gariskan jawapan yang betul tentang langkah-langkah keselamatan apabila menggunakan silinder gas bertekanan tinggi.

- (i) Store cylinders in a (dry , wet), cool, well ventilated, secure area and away from combustible materials.

Simpan silinder gas di tempat (kering , basah), dingin, mempunyai pengudaraan yang baik, selamat dan jauh daripada bahan mudah terbakar.

- (ii) Always keep your gas cylinder in (an upright , a lying down) position.

Sentiasa simpan silinder gas anda dalam posisi (menegak , berbaring).

[2 marks / 2 markah]

- (b) Diagram 1.2 shows a tin filled with water is heated. Then, cold water is poured to the hot tin.

Tick (✓) the correct observation and explanation for this situation.

Rajah 1.2 menunjukkan sebuah tin yang diisi dengan air dan dipanaskan. Kemudian, air sejuk dicurahkan ke atas tin panas itu. Tandakan (✓) pada pemerhatian dan penerangan yang betul tentang situasi ini.

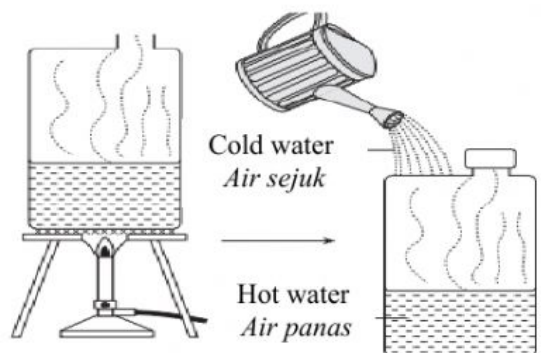


Diagram 1.2 /Rajah 1.2

Statement <i>Pernyataan</i>	
(i) Tin became crushed. <i>Tin menjadi kemik.</i>	
(ii) Air pressure outside is higher than air pressure inside <i>Tekanan udara di luar lebih tinggi daripada tekanan udara di dalam.</i>	

[2 marks / 2 markah]

4. Diagram 2 shows the planets in Solar System.
Rajah 2 menunjukkan planet-planet dalam Sistem Suria.

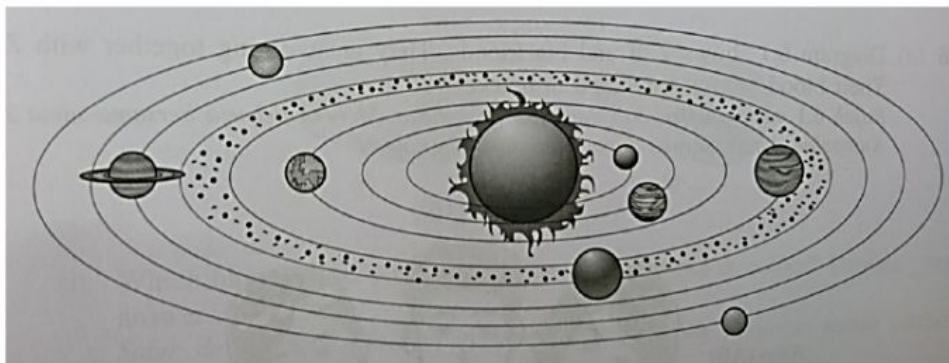
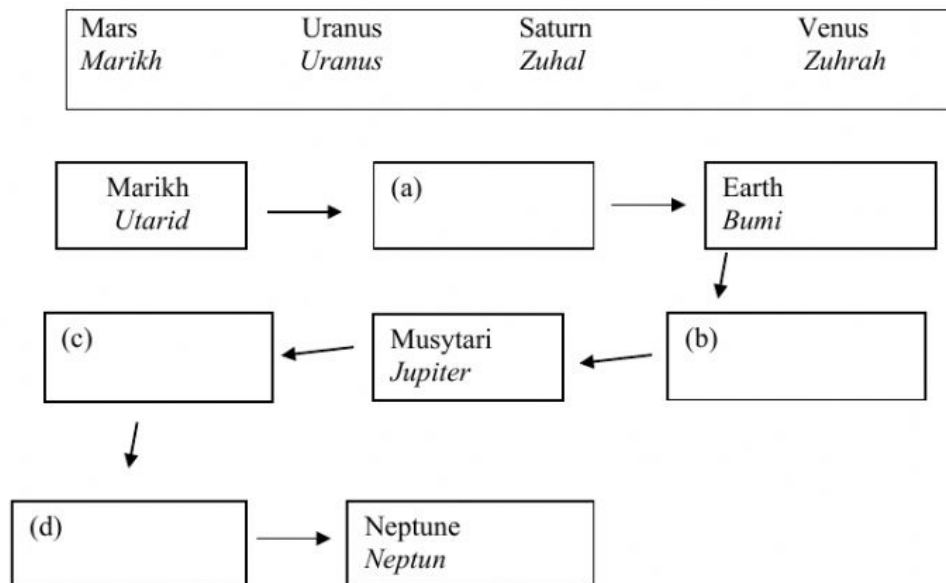


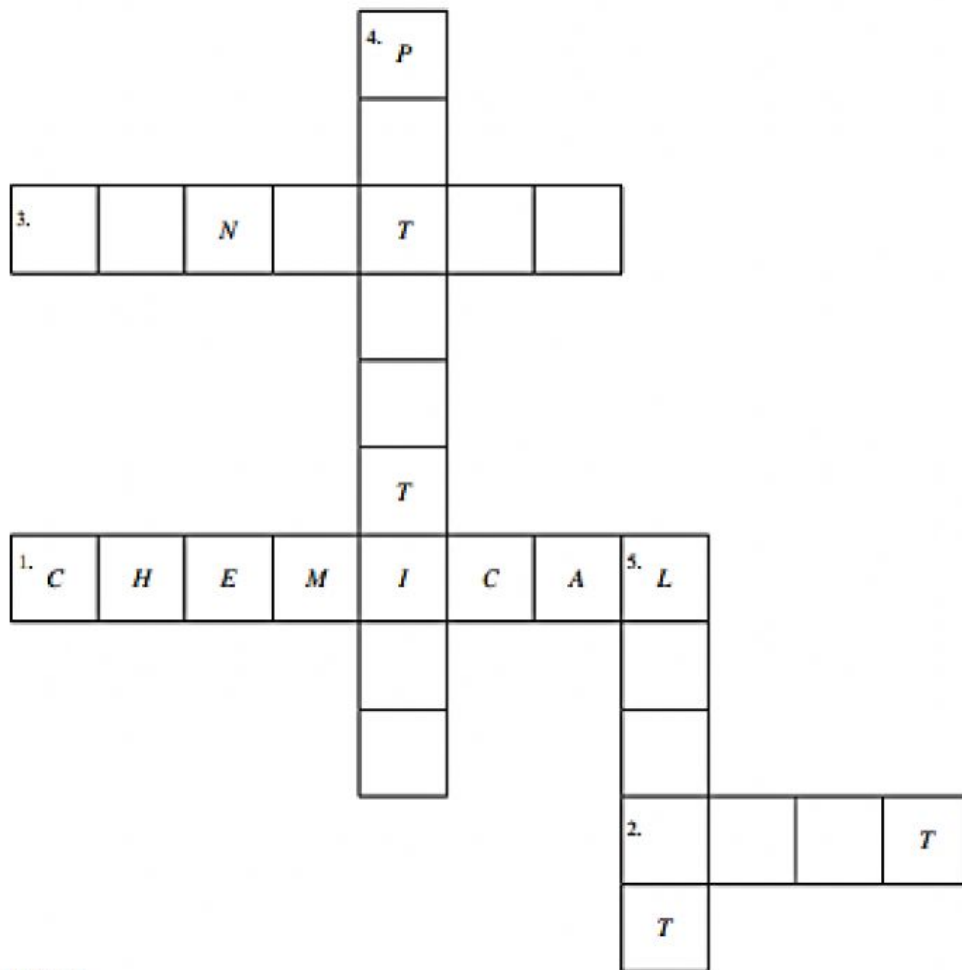
Diagram 2 /Rajah 2

Complete the flow map by arranging the planets according to the order in the Solar System
Lengkapkan peta alir ini dengan menyusun planet mengikut urutan sebenar dalam Sistem Suria.



[4 marks / 4 markah]

5. Complete the following crossword puzzle about energy.



ANSWERS

HORIZONTAL

1.energy is stored in substances that can be burnt or changed chemically. (example: CHEMICAL)
2. Increases the temperature of an object that causes it to feel hot.
3. Found in objects that move.

VERTICAL

4. Stored in an object due to its position or condition.
5. Enables us to see the things around us.

[4 marks / 4 markah]