7.1 Composition of Air
Komposisi Udara

NOTES

1. The pie chart in Diagram 1 shows the composition of air in our surrounding.
Carta pai pada Rajah 1 menunjukkan komposisi udara di sekitar kita.

Inert gases *Gas nadir*	Oxygen *Oksigen*	Carbon dioxide *Karbon dioksida*	Nitrogen *Nitrogen*

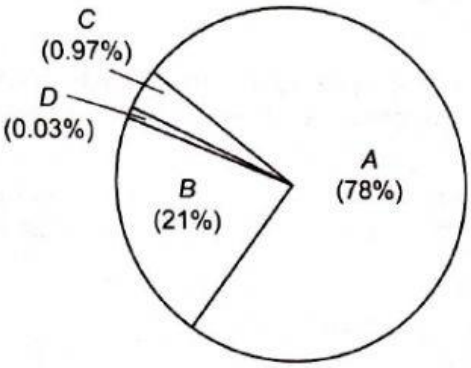

Diagram 1 / *Rajah 1*

A	
B	
C	
D	

Label *A*, *B*, *C* and *D* in the boxes with the words provided above.
Labelkan A, B, C dan D dalam kotak dengan perkataan yang diberikan di atas.

2. The table below shows the importance of oxygen, carbon dioxide and nitrogen gases. Tick (✓) on the correct gases with their importance.
Jadual di bawah menunjukkan kepentingan gas oksigen, karbon dioksida dan nitrogen. Tandakan (✓) pada gas yang betul dengan kepentingannya.

Importance of gas *Kepentingan gas*	**Oxygen gas** *Gas oksigen*	**Carbon dioxide gas** *Gas karbon dioksida*	**Nitrogen gas** *Gas nitrogen*
(a) Used for respiration by plants and animals. *Digunakan untuk pernafasan oleh tumbuhan dan haiwan.*			
(b) Essential component in photosynthesis. *Komponen penting dalam fotosintesis.*			
(c) As a substance of carbonated drinks. *Sebagai bahan minuman berkarbonat.*			
(d) Assists in burning. *Membantu dalam pembakaran.*			

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3. Diagram 2 shows the oxygen cycle. Complete the cycle using the words given.
Rajah 2 menunjukkan kitar oksigen. Lengkapkan kitar tersebut menggunakan perkataan yang diberi.

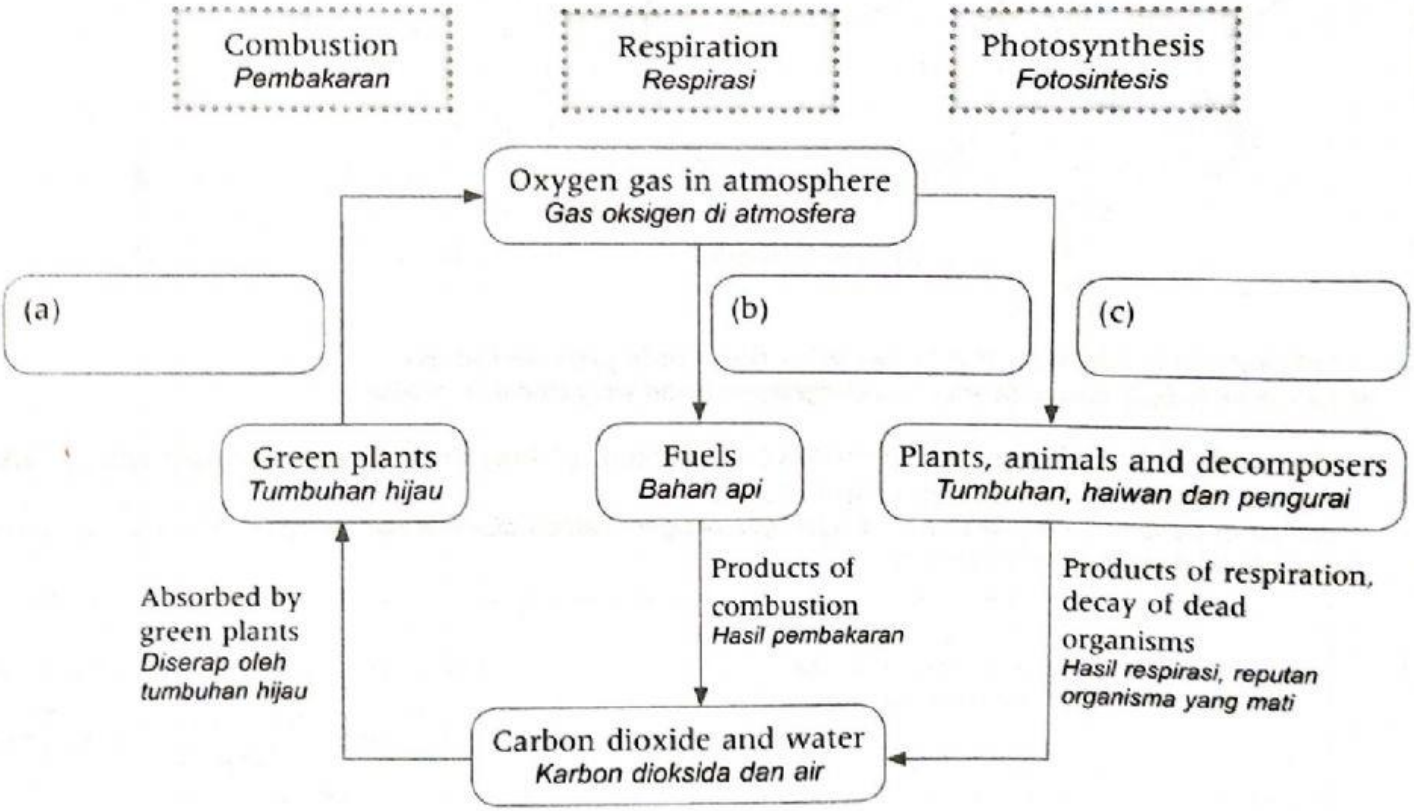

Diagram 2 / *Rajah 2*

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5. Diagram 3 shows the carbon cycle. Complete the carbon cycle based on the phrases given.
Rajah 3 menunjukkan satu kitar karbon. Lengkapkan kitar karbon tersebut berdasarkan frasa-frasa yang diberi.

Photosynthesis takes carbon dioxide from the environment. *Fotosintesis mengambil karbon dioksida daripada persekitaran.*	Respiration returns carbon dioxide to the atmosphere. *Respirasi mengembalikan karbon dioksida ke atmosfera.*	Decay and decomposition – carbon dioxide released as microbes respire. *Pereputan dan penguraian – karbon dioksida dibebaskan apabila mikrob berespirasi.*

Death *Kematian* | Death *Kematian* | Eaten by *Dimakan oleh* | Burning *Pembakaran* | Respiration *Respirasi*

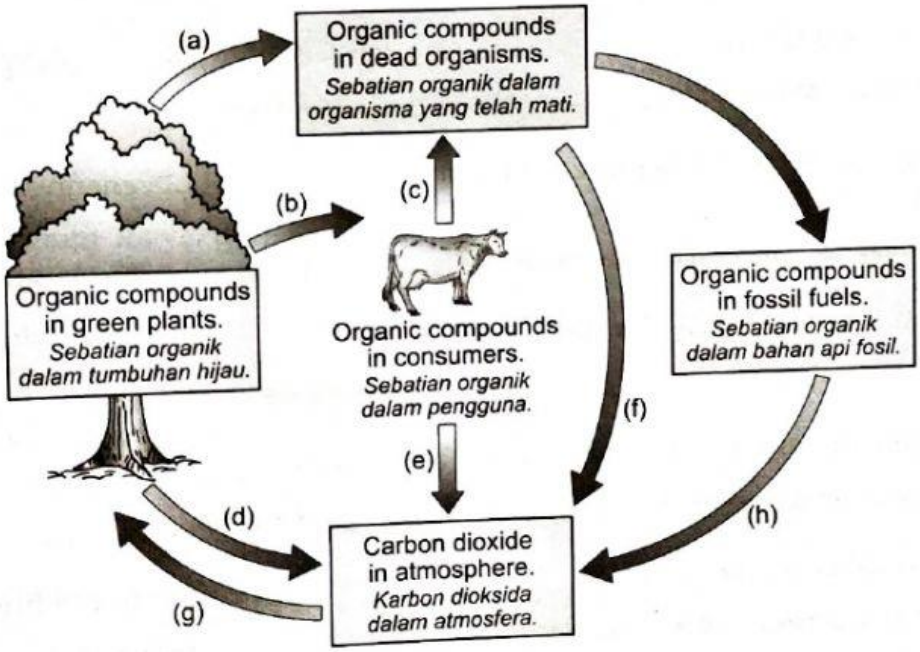

Diagram 3 / *Rajah 3*

(a) _____

(b) _____

(c) _____

(d) _____

(e) _____

(f) _____

(g) _____

(h) _____

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