BAHAGIAN B

Jawab semua

1. Diagram 7 below shows the structure of a human eye.

Rajah 7 di bawah menunjukkan struktur mata manusia.

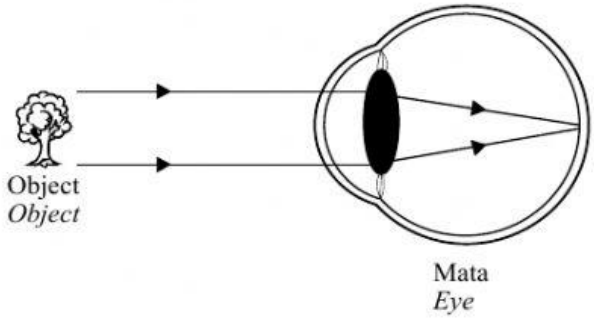

Diagram 7
***Rajah** 7*

An object can be seen when it reflects light. Arrange the statements below by writing the numbers **1, 2, 3** and **4** in the boxes provided to show the correct sequence of the path of light in the mechanism of sight from the object to the brain.

*Sesuatu objek dapat dilihat apabila objek itu memantulkan cahaya. Susunkan pernyataan di bawah dengan menggunakan nombor **1, 2, 3** dan **4** dalam petak yang disediakan untuk menunjukkan laluan cahaya dalam mekanisma penglihatan dari objek ke otak yang betul.*

From the retina, nerve impulses are sent to the brain via optic nerve. *Impuls saraf daripada retina akan dihantar ke otak melalui saraf optik.*	
Cornea reflects light from the object into the aqueous humour which will refract light into the pupil. *Kornea membiaskan cahaya ke gelemair dan gelemair akan membiaskan cahaya ke anak mata.*	
Lens focuses light rays onto the retina through the vitreous humour. *Kanta mata memfokuskan sinar cahaya ke retina melalui gelemaca.*	
The pupil controls the amount of light entering the eye lens. *Anak mata mengawal jumlah cahaya yang memeasuki kanta mata*	

[4 marks/4 *markah*]

LIVEWORKSHEETS

2. (a) Diagram 8 shows a part of oxygen cycle. Label gases M and N using the words given in the box below.

Rajah 8 menunjukkan sebahagian daripada kitar oksigen. Label gas M dan N dengan menggunakan perkataan yang diberikan dalam kotak di bawah.

Oxygen / *Oksigen*	Carbon dioxide / *Karbon dioksida*
Sulphur dioxide / *Sulfur dioksida*	Nitrogen / *Nitrogen*

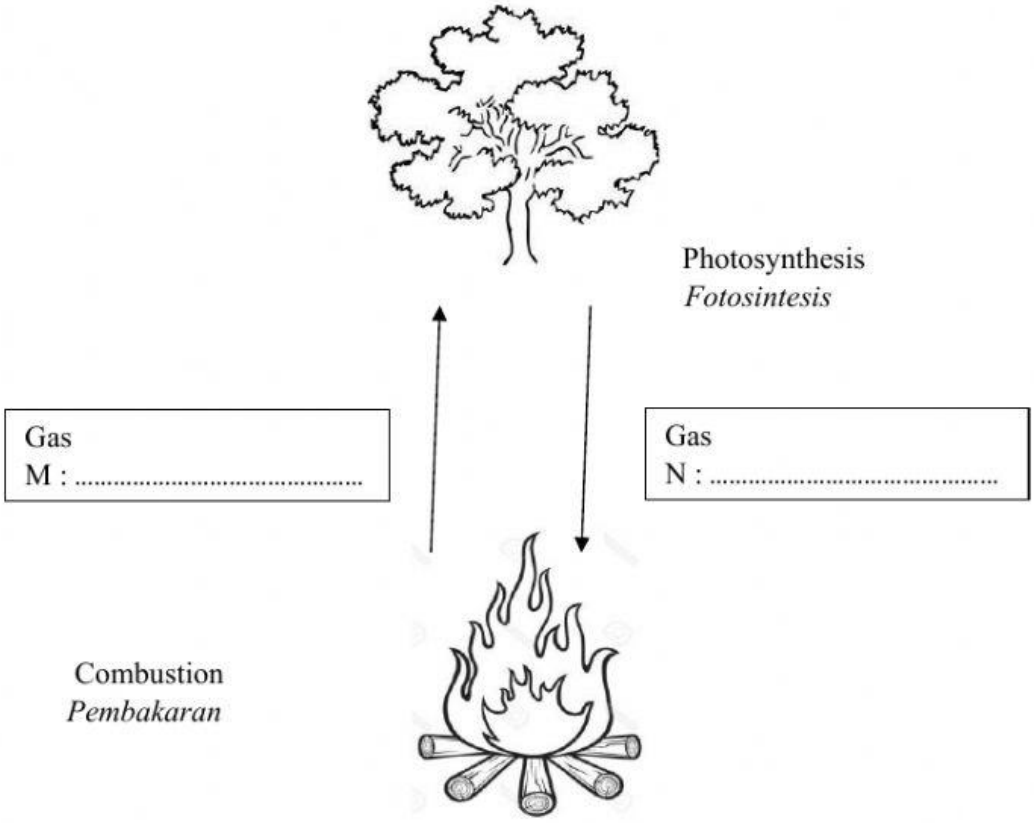

Diagram 8
Rajah 8

[2 marks/2 *markah*]

(b) Name two substances in the air which are harmful to the human respiratory system.

Nyatakan dua bahan dalam udara yang berbahaya kepada sistem respirasi manusia.

_____

_____

[2 marks/2 *markah*]

LIVEWORKSHEETS

3. Diagram 9 shows the cross section of human heart.

Rajah 9 menunjukkan keratan rentas jantung manusia.

Aorta *Aorta*	Vena cava *Vena kava*	Septum *Septum*	Tricuspid valve *Injap trikuspid*

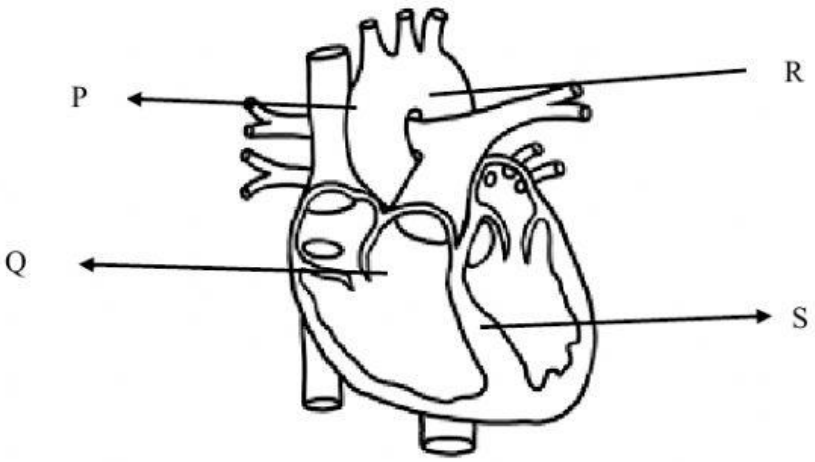

Diagram 9

Rajah 9

(a) Namakan bahagian berlabel P, dan R

P

:_____

R

:_____

[2 *markah*]

LIVEWORKSHEETS