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Exam Final Science الملف

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NO. KAD PENGENALAN/  
NO. SIJIL KELAHIRAN

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ANGKA GILIRAN

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**FINAL YEAR EXAMINATION 2017**  
**SCIENCE**  
**YEAR 4 (DLP)**

**018/2**

**PAPER 2**

**OCTOBER**

1 hour

**PLEASE DO NOT OPEN THE QUESTION PAPER UNTIL TOLD**

1. Write identification card number or birth certificate number and candidate number on the provided boxes.
2. Your answer must be write on the space provided in this question paper.
3. This question paper containing 8 questions.
4. You must answer all questions.
5. If you want to change your answer, erase the answer that have been made. Then write the new answer. baru.

<i>Untuk Kegunaan Pemeriksa</i>		
<b>Kod Pemeriksa:</b>		
<b>Soalan</b>	<b>Markah Penuh</b>	<b>Markah Diperoleh</b>
<b>1</b>	4	
<b>2</b>	4	
<b>3</b>	5	
<b>4</b>	5	
<b>5</b>	5	
<b>6</b>	5	
<b>7</b>	6	
<b>8</b>	6	
<b>Jumlah</b>		

This question paper containing **16 printed pages**

**[ Lihat sebelah  
SULIT**

Untuk  
kegunaan  
Pemeriksa

1(a)

	1
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1. Excretion is removal of waste materials from the body.

*Perkumuhan ialah penyingkiran bahan buangan daripada badan.*

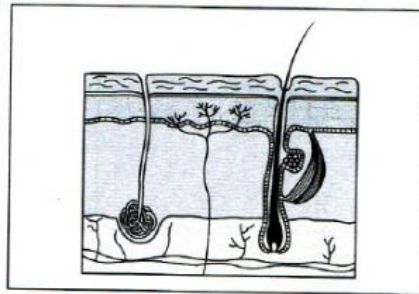
(a) State one human excretion product.

*Nyatakan satu hasil perkumuhan manusia.*

[1 mark]

(b) Diagram 1.1 shows human excretion organ.

*Rajah 1.1 menunjukkan organ perkumuhan manusia.*



Rajah 1.1

1(b)

	1
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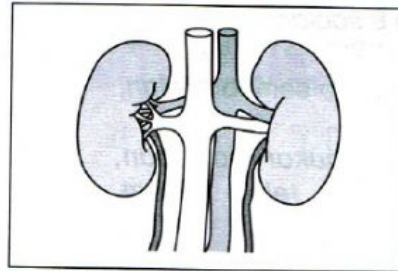
Based on diagram 1.1., how did the sweat removed from this organ?

*Berdasarkan Rajah 1.1 bagaimanakah peluh disingkirkan daripada organ ini?*

[1 markah]

(c) Diagram 1.2 shows the kidney.

*Rajah 1.2 menunjukkan ginjal.*



Rajah 1.2

1(c)(i)

	1
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(i) State where the urine stored before removed.

*Nyatakan tempat air kencing disimpan sebelum disingkirkan.*

[1 markah]

1(c)(ii)

	1
--	---

(ii) To avoid the public from smoking, government have to limits the cigarette selling. In your opinion, are this action is fair?

*Untuk tidak mengalakkan orang awam daripada merokok, kerajaan perlu mengehadkan penjualan rokok. Pada pendapat kamu, adakah tindakan ini wajar?*

Yes/ Ya

No/ Tidak

Give your reason.

*Berikan alasan anda.*

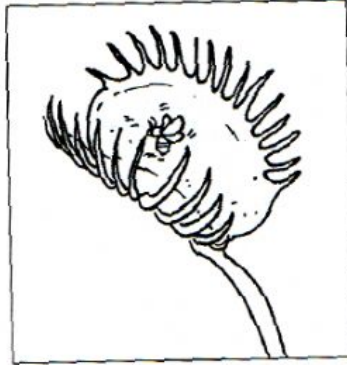
[1 markah]

**Total  
A1**

	4
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2. Diagram 2.1 shows a type of plant.

*Rajah 2.1 menunjukkan sejenis tumbuhan.*



Rajah 2.1

2(a)

1

(a) State the stimulus towards this plant.

*Nyatakan rangsangan terhadap tumbuhan tersebut.*

\_\_\_\_\_ [1 markah]

2(b)(i)

1

(b) (i) Predict the condition of roots if the plants are planted near to the lake.

*Ramalkan keadaan akar, jika tumbuhan ditanam bersebelahan dengan tasik*

\_\_\_\_\_ [1 markah]

2(b)(ii)

1

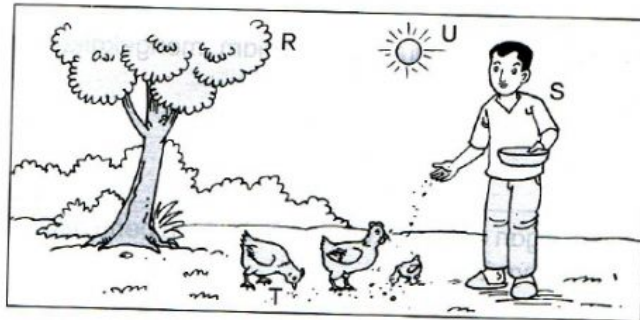
(ii) State your reason based on your answer in 2 (b) (i).

*Nyatakan alasan kamu berdasarkan jawapan di 2 (b)(i)*

\_\_\_\_\_ [1 markah]

(c) Diagram 2.2 shows the oxygen cycle.

Rajah 2.2 menunjukkan kitaran oksigen.



Rajah 2.2

2(c)

	1
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Based on diagram 2.2, which organism produced oxygen?

Give your reason.

Berdasarkan Rajah 2.2 organisma manakah yang membebaskan oksigen?

Berikan alasan.

Organisma :

Alasan :

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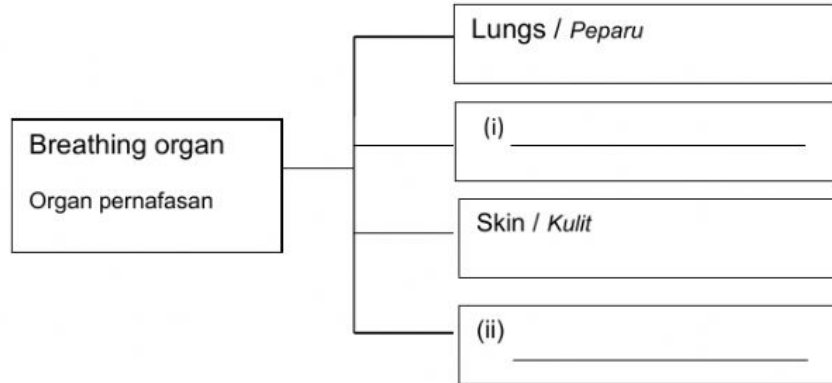
[1 markah]

Total  
A2

	4
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3. Diagram 3.1 shows the animals breathing organ.

Rajah 3.1 menunjukkan organ-organ pernafasan haiwan



3(a)

2
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(a) Fill in the diagram with animals breathing organ.

Isi Rajah 3.1 dengan organ pernafasan haiwan.

[2 markah]

3(b)(i)

1
---

(b) (i) Based on diagram 3.1, state one example of animals that have two breathing organ.

Berdasarkan rajah 3.1, nyatakan **satu** contoh haiwan yang mempunyai dua organ pernafasan.

\_\_\_\_\_ [1 markah]

3(b)(ii)

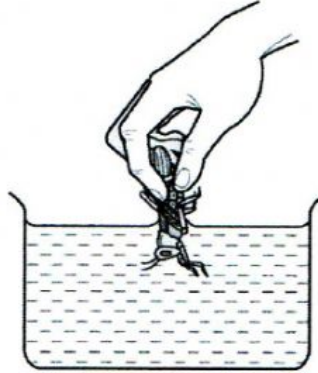
1
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(ii) State your reason based on your answer in 3 (b) (i).

Nyatakan alasan kamu berdasarkan jawapan di 3(b)(i).

\_\_\_\_\_  
 \_\_\_\_\_ [1 markah]

- (c) Diagram 3.2 shows a pupil immersed a grasshopper upside down in the water.  
*Rajah 3.2 menunjukkan seorang murid merendamkan bahagian mulut seekor belalang dalam air.*



Rajah 3.2

The grasshopper is still alive. Why?  
*Belalang itu masih hidup. Mengapa?*

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[1 markah]

3(c)

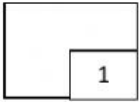
1

Total  
A3

5



4(a)

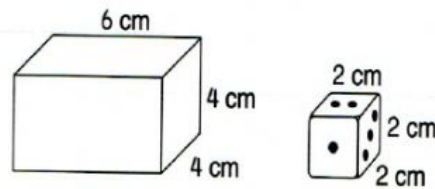


4. Mrs Dahlia has a cuboid shaped box.  
*Puan Dahlia mempunyai sebuah kotak berbentuk kuboid.*

- (a) What is the formula that can be used to calculate the volume of the box?  
*Apakah rumus yang boleh digunakan untuk mengira isi padu kotak tersebut?*

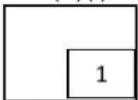
[1 markah]

- (b)(i) Diagram 4 shows a box and a dice.  
*Rajah 4 menunjukkan sebuah kotak dan sebuah dadu.*



Rajah 4

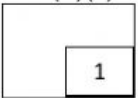
4(b)(i)



- State the volume of the dice.  
*Nyatakan isi padu dadu tersebut*  
 cm<sup>3</sup>

[1 markah]

4(b)(ii)



- (ii) How many dice can be filled into the box?  
*Berapakah bilangan dadu yang boleh diisi ke dalam kotak itu?*

[1 markah]

- (c) An old newspaper buyer bought newspaper from salesman A and B of the same amount. Newspaper A measured using span of an adult man whereas the newspaper B measured using span of a kid.

*Seorang pembeli surat khabar lama membeli surat khabar dari penjual A dan B dengan jumlah yang sama. Surat khabar dari penjual A diukur dengan jengkal seorang lelaki dewasa manakala surat khabar dari penjual B diukur dengan jengkal seorang kanak-kanak.*

- (i) Predict the price that pays to the salesman A compared to salesman B.  
*Ramalkan harga yang dibayar kepada penjual A berbanding penjual B.*

Tick (√) to the correct answer.  
*Tandakan (√) pada jawapan yang betul.*

- |  |                          |
|--|--------------------------|
| Less than salesman B<br><i>Kurang daripada penjual B</i> | <input type="checkbox"/> |
| Same<br><i>Sama</i>                                      | <input type="checkbox"/> |
| More than salesman B<br><i>Lebih daripada penjual B</i>  | <input type="checkbox"/> |

[1 markah]

4(c)(i)

	1
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4(c)(ii)

	1
--	---

- (ii) What should be done by the newspaper buyer to give the uniform and precise measurement?  
*Apakah yang perlu dilakukan oleh pembeli suratkhbar lama untuk memberikan ukuran yang tepat dan seragam?*

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**Total  
A4**

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