

**TERHAD**

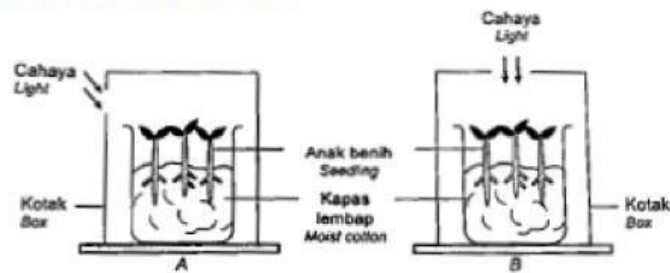
**BAHAGIAN C / SECTION C**

[60 markah/ marks]

Jawab SEMUA soalan.

- 6 Rajah 6 menunjukkan satu eksperimen yang digunakan untuk mengkaji gerak balas tumbuhan. Eksperimen ini dijalankan selama lima hari. Diagram 6 shows an experiment that used to investigate the response of plant. The experiment was conducted for few days.

Untuk  
kegunaan  
pemeriksa



Rajah / Diagram 6

- (a) Nyatakan satu pemerhatian berdasarkan rajah 6.  
State one observation based on the diagram 6.
- .....  
(1 markah/mark)
- (b) Nyatakan inferens berdasarkan pemerhatian anda di (a).  
State inference based on your observation in (a).
- .....  
(1 markah/mark)
- (c) Nyatakan pemboleh ubah dimanipulasikan dan pemboleh ubah gerak balas bagi eksperimen di atas.  
State the manipulated variable and responding variable for the experiment above.
- (i) Pemboleh ubah dimanipulasikan / Manipulated variable:  
.....
- (ii) Pemboleh ubah bergerak balas / Responding variable:  
.....  
(2 markah/marks)
- (d) Nyatakan definisi secara operasi bagi gerak balas tumbuhan.  
State the operational definition of plant response.
- .....  
(2 markah/marks)
- (e) Nyatakan langkah berjaga-jaga semasa menjalankan eksperimen tersebut.  
State two precaution steps when carrying out the experiment.
- .....  
(2 markah/marks)

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- 8 (a) Rajah 10 di bawah menunjukkan dua jenis salur darah dalam badan manusia.  
*The diagram 10 below shows two types of blood vessels in the human body.*



- (i) Namakan salur darah Q.  
*Name blood vessel Q.*

(1 markah/mark)

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- (ii) Nyatakan fungsi salur darah Q.  
*State the function of blood vessel Q.*

(1 markah/mark)

- (iii) Salah satu perbezaan antara salur darah P dan Q ialah ketebalan dinding. Dinding Q lebih tebal dan berotot berbanding P. Terangkan.  
*One of the differences between P and Q blood vessels is the wall thickness. Wall Q more thick and muscular compared to P. Explain.*

(2 markah/marks)