

Question 1/ Soalan 1

ITEM	SCORE	CRITERIA	REMARKS								
(a)	3	<p>Able to record all the data correctly  <i>Dapat merekodkan semua data dengan betul</i></p> <p>Sample:</p> <table border="1"> <tr> <td>Type of fruit juice <i>Jenis jus buah</i></td> <td>Volume of fruit juice used to decolourise 1 ml DCPIP (ml) <i>Isipadu jus buah yang digunakan untuk melunturkan 1 ml larutan DCPIP (ml)</i></td> </tr> <tr> <td>Guava <i>Jambu batu</i></td> <td>1.6</td> </tr> <tr> <td>Orange <i>Oren</i></td> <td>2.2</td> </tr> <tr> <td>Starfruit <i>Belimbing</i></td> <td>2.8</td> </tr> </table>	Type of fruit juice <i>Jenis jus buah</i>	Volume of fruit juice used to decolourise 1 ml DCPIP (ml) <i>Isipadu jus buah yang digunakan untuk melunturkan 1 ml larutan DCPIP (ml)</i>	Guava <i>Jambu batu</i>	1.6	Orange <i>Oren</i>	2.2	Starfruit <i>Belimbing</i>	2.8	
Type of fruit juice <i>Jenis jus buah</i>	Volume of fruit juice used to decolourise 1 ml DCPIP (ml) <i>Isipadu jus buah yang digunakan untuk melunturkan 1 ml larutan DCPIP (ml)</i>										
Guava <i>Jambu batu</i>	1.6										
Orange <i>Oren</i>	2.2										
Starfruit <i>Belimbing</i>	2.8										
	2	<p>Able to record 2 data correctly  <i>Dapat merekod 2 data dengan betul</i></p>									
	1	<p>Able to record 1 data correctly  <i>Dapat merekod 1 data dengan betul</i></p>									
	0	<p>Not able to give any response or wrong response  <i>Tiada respon atau respon yang salah</i></p>									
(b) (i)	3	<p>Able to state any two observations correctly  <i>Dapat menyatakan 2 pemerhatian dengan betul</i></p> <p>Sample answer : (mv + RV + nilai dan unit)</p> <ol style="list-style-type: none"> <li>Volume of Guava juice to decolourise 1ml DCPIP solution is 1.6ml  <i>Isipadu jus jambu batu untuk melunturkan 1 ml larutan DCPIP ialah 1.6 ml</i></li> <li>Volume of Starfruit juice to decolourise 1ml DCPIP solution is 2.3ml  <i>Isipadu jus jambu batu untuk melunturkan 1 ml larutan DCPIP ialah 2.8 ml</i></li> </ol>	<p>Accepted :                      Any suitable answer                      Accepted :                      Any suitable answer                      Terima :                      Semua jawapan yang sesuai</p>								
	2	<p>Able to state any correct observation and one idea of observation or two inaccurate observations  <i>Dapat menyatakan satu pemerhatian yang betul dan satu idea atau dua pemerhatian yang tidak tepat</i></p>									

		<p>Sample answer :</p> <p><i>Sampel jawapan:</i></p> <ol style="list-style-type: none"> <li>1. Volume of Guava juice to decolourise 1ml DCPIP solution is low/less <i>Isipadu jus jambu batu untuk melunturkan 1 ml larutan DCPIP ialah rendah/sedikit</i></li> <li>2. Volume of Starfruit juice to decolourise 1ml DCPIP solution is high/more <i>Isipadu jus belimbing untuk melunturkan 1 ml larutan DCPIP ialah tinggi/ lebih</i></li> </ol>	
	1	<p>Able to state two ideas of the above observations correctly <i>Dapat menyatakan 2 idea untuk pemerhatian dengan betul</i></p> <p>Sample answer :</p> <p><i>Sampel jawapan</i></p> <ol style="list-style-type: none"> <li>1. Volume of Guava juice is less <i>Isipadu jus jambu batu ialah kurang</i></li> <li>2. Volume of Starfruit juice is less <i>Isipadu jus belimbing ialah kurang</i></li> </ol>	
	0	Not able to give any response or wrong response	

(b) (ii)	3	<p>Able to state one possible inference for each observation <i>Dapat menyatakan satu inferen yang tepat untuk setiap pemerhatian</i></p> <p>Sample answer</p>	
----------	---	--	--

	<p><i>Sampel jawapan:</i></p> <ol style="list-style-type: none"> <li>1. Guava juice contains <u>the highest percentage / concentration</u> of vitamin C <i>Jus jambu batu mempunyai kandungan /kepekatan vitamin C yang paling tinggi.</i></li> <li>2. Starfruit juice contains the lowest <u>percentage / concentration</u> of vitamin C <i>Jus belimbing mengandungi kandungan/kepekatan vitamin C yang paling rendah.</i></li> </ol>
2	<p>Able to state one correct and one inaccurate inference or two inaccurate inferences <i>Dapat menyatakan satu inferen yang tepat dan satu inferen yang tidak tepat atau dua inferens yang tidak tepat.</i></p> <p>Sample answer <i>Sampel jawapan</i></p> <ol style="list-style-type: none"> <li>1. Guava juice contains more <u>percentage / concentration</u> of vitamin C <i>Jus jambu batu mengandungi lebih peratus / kepekatan vitamin C.</i></li> <li>2. Starfruit juice contains less <u>percentage / concentration</u> of vitamins C <i>Jus belimbing mengandungi kurang peratus /kepekatan vitamin C</i></li> </ol>
1	<p>Able to state two inferences at idea level <i>Dapat menyatakan dua inferens pada aras idea</i></p> <p>Sample answer <i>Sampel Jawpan :</i></p> <ol style="list-style-type: none"> <li>1. Percentage / concentration of vitamin C is affected by fruit juice <i>Peratusan/ kepekatan vitamin C dipengaruhi oleh jus buah</i></li> <li>2. Percentage / concentration of vitamin C is affected by ascorbic acids <i>Peratusan /kepekatan vitamin C dipengaruhi oleh: asid askorbik</i></li> </ol>
0	<p>Not able to give any response or wrong response <i>Tiada respon atau respon yang salah</i></p>

(c)

3

Able to state all the variables and ways operating the variables correctly

*Dapat menyatakan semua pembolehubah dan cara mengendalikan pembolehubah dengan betul*

Sample answer

*Sampel Jawapan*

Variable <i>Pembolehubah</i>	Operating the variable <i>Cara mengendalikan pembolehubah</i>
Manipulated variable <i>Pembolehubah manipulasi</i> type of fruit juice// guava juice, orange and starfruit juice <i>Jenis jus buah//jus jambu batu, oren dan belimbing besi</i>	Used different type of fruit juice (such as guava juice, orange juice and starfruit juice) <i>Menggunakan jenis jus buah yang berbeza iaitu jus buah jambu batu, oren dan belimbing.</i>
Responding variable <i>Pembolehubah bergerakbalas:</i>  Volume of fruit juice used to decolourise (1ml) DCPIP solution // the percentage/ concentration of vitamin C <i>Isipadu jus buah yang digunakan untuk melunturkan 1 ml larutan DCPIP// peratus kepekatan Vitamin C</i>	Measure and record the volume of fruit juice used to decolourise 1ml DCPIP solution by using a syringe //calculate the percentage/concentration of vitamin C by using formula: $= \frac{\text{Volume of 0.1\% ascorbic acids solution} \times 0.1\%}{\text{Volume of fruit juice}}$ OR $\frac{\text{Volume of 0.1\% ascorbic acids solution} \times 1.0 \text{mgcm}^{-3}}{\text{Volume of fruit juice}}$ <i>Menyukat dan merekod isipadu jus buah yang digunakan untuk melunturkan 1 ml larutan DCPIP// peratus kepekatan Vitamin C</i>  <i>Menghitung peratusan /kepekatan vitamin C dengan menggunakan formula berikut:</i>  $\frac{\text{Isipadu 0.1\% larutan asid askorbik} \times 0.1\%}{\text{Isipadu jus buah}}$  <i>Atau</i>  $\frac{\text{Isipadu 0.1\% larutan asid askorbik} \times 1.0 \text{mgcm}^{-3}}{\text{Isipadu jus buah}}$
Constant variable Volume of DCPIP solution	Fixed the same volume of DCPIP solution at 1ml in each experiment.  <i>Menetapkan isipadu larutan DCPIP iaitu 1 ml untuk</i>

		Pembolehubah dimalarkan Isipadu larutan DCPIP	setiap eksperimen
	2	Able to state any 3- 4 items from the above <i>Menyatakan mana-mana 3-4 item dari atas</i>	
	1	Able to state any 2 items from the above <i>Menyatakan mana-mana 2 item dari atas</i>	
	0		

(d)	3	<p>Able to write a complete hypothesis statement based on the following aspect :</p> <p><i>Dapat menyatakan hipotesis dengan lengkap berdasarkan aspek berikut :</i></p> <p>P1 = Manipulated variable / <i>Pembolehubah dimanipulasi</i>  P2 = responding variable / <i>Pembolehubah bergerakbalas</i>  H = Relationship / <i>Link / Hubungan</i></p> <p>Sample answer :</p> <ol style="list-style-type: none"> <li>Guava juice has the highest percentage /concentration of vitamin C than orange juice and guava juice <i>Jus jambu mempunyai peratus / kepekatan vitamin C yang paling tinggi berbanding jus oren dan jus belimbing</i></li> <li>The volume of guava juice used to decolourise 1ml DCPIP solution is the least compare the volume of orange juice and starfruit juice <i>Isipadu jus jambu yang diperlukan untuk melunturkan 1ml larutan DCPIP adalah paling rendah berbanding jus oren dan jus belimbing</i></li> </ol>	<p>P I-Type of fruit juice / <i>Jenis jus buah</i> //guava juice, orange juice and starfruit juice</p> <p>P2-Volume of fruit juice to decolourise 1ml DCPIP solution// the percentage/ concentration of vitamin C <i>-Isipadu jus buah yang diperlukan untuk melunturkan larutan 1ml DCPIP</i> H- relationship <i>- Hubungan</i> *wrong hypothesis is accepted*</p>
-----	---	---	---

	2	<p>Able to write any two aspect :  <i>Dapat menyatakan mana mana dua aspek :</i>  P1 and P2 // P1 and H // P2 and H</p> <p>Sample answer :  <i>Sampel jawapan</i></p> <p>The percentage /concentration of fruit juice, the different the volume of fruit juice to decolourise 1ml DCPIP solution  <i>Peratus / kepekatan jus buah, isipadu jus buah yang berbeza diperlukan untuk melunturkan 1 ml larutan DCPIP</i></p>	
	1	<p>Able to write any one aspect :  <i>Dapat menyatakan mana mana satu aspek</i></p> <p>Sample answer :  <i>Sampel jawapan</i></p> <p>The percentage /concentration of vitamin C is influenced by different fruit juice  <i>Peratus/ kepekatan vitamin C dipengaruhi oleh jenis jus buah</i></p>	
	0	<p>Not able to give a response or wrong response  <i>Tak dapat memberi respon ATAU respon salah</i></p>	
(e)(i)	3	<p>Able to construct a table and show the following :  <i>Dapat membina jadual dan menunjukkan perkara perkara berikut;</i></p> <p>H- Heading in the table are labelled with correct units  <i>Kepala tajuk jadual ditulis dengan unit yang betul</i></p> <p>D- All data are correct  <i>Semua data betul</i></p> <p>P- The correct calculation of percentage and concentration of vitamin C  <i>Pengiraan kepekatan dan peratus vitamin C adalah betul</i></p>	

		Sample answer :			
		Type of fruit juice <i>Jenis Jus buah</i>	Volume of fruit juice to decolourise 1ml DCPIP solution (ml) <i>Isipadu jus buah untuk melunturkan 1 ml larutan DCPIP (ml)</i>	Percentage of vitamin C (%) <i>Peratus vitamin (5)</i>	Concentration of vitamin C ( $\text{mgcm}^{-3}$ ) <i>Kepekatan vitamin C (<math>\text{mgcm}^{-3}</math>)</i>
		Guava <i>Jambu</i>	1.6	0.063	0.625
		Orange <i>Oren</i>	2.2	0.045	0.454
		Starfruit <i>Belimbing</i>	2.8	0.036	0.357
	2	<p>Able to construct a table with all the data to Plot a graph and show the following criteria <i>Dapat membina jadual yang lengkap dengan data untuk melakar graf mengikut kriteria berikut</i></p> <p>1. H and D // D and P // H and P <i>1. H dan D // D dan P // H dan P</i></p> <p>1.</p>			
	1	<p>Able to construct a table with all the data to Plot a graph and show the following criteria <i>Dapat membina jadual yang lengkap dengan data untuk melakar graf mengikut kriteria berikut</i></p> <p>1. Either H or D or P <i>Samada H atau D atau P</i></p>			
(e)(ii)	3	<p>Able to plot a graph with the following aspect <i>Dapat melakar graf dengan mengikut aspek berikut</i></p> <p>P – all axis with uniform scale and correct units <i>Semua paksi dengan skala dan unit yang betul</i></p> <p>T – all point is transferred correctly <i>Semua titik di tanda dengan betul</i></p> <p>B – Able to draw the correct shape / line of the graph <i>Dapat melukis bentuk / garis yang betul pada graf</i></p>			

	2	Able to give any two aspect <i>Dapat memberi mana mana dua aspek</i>	
	1	Able to give any one aspect <i>Dapat memberi mana mana satu aspek</i>	
	0	Not able to give response or wrong response <i>Tiada respon / Respon salah</i>	
(f)	3	Able to explain the relationship between the concentration of vitamin C and the sample of fruit juice <i>Dapat menerangkan hubungan antara kepekatan vitamin C dan sampel jus buah</i>  Sample answer : <i>Sampel jawapan :</i>  E1 - Guava juice has the highest concentration of vitamin C than orange juice and starfruit juice - <i>Jus jambu mengandungi kepekatan vitamin C paling tinggi</i> E1 - Because it contains more ascorbic acids - <i>Kerana mengandungi lebih asid askorbik</i> E3 - causing less volume of guava juice used to decolourise 1ml DCPIP solution - <i>Menyebabkan sedikit jus jambu diperlukan untuk melunturkan 1ml larutan DCPIP</i>	
	2	Able to write any two from the above <i>Dapat menulis mana mana dua di atas</i>  E1 and E2// E1 and E3 //E2 and E3 <i>E1 dan E2// E2 dan E3 // E2 dan E3</i>	
	1	E1// E2 //E3	
	0	Wrong response <i>Respon salah</i>	



(g)	3	<p>Able to predict volume of orange juice that needs to decolourise 1 ml DCPIP based on  <i>Dapat meramalkan isipadu jus oren yang diperlukan untuk melunturkan 1ml larutan DCPIP</i></p> <p>F : the volume of orange juice is increase more than 2.2 ml // accept any relevant figure  <i>Isipadu jus oren meningkat melebihi 2.2 ml// terima sebarang nilai yang relevan</i></p> <p>E1: contain less ascorbic acid / vitamin C  <i>Mengandungi kurang asid askorbik/ vitamin C</i></p> <p>E2: because ascorbic acid in overnight orange juice has been oxidized  <i>Kerana asid askorbik yang disimpan semalaman telah teroksida</i></p>	Include F, E1 and any E2 / E3
	2	<p>Able to predict based on any two aspect  <i>Dapat meramal berdasarkan mana mana 2 aspek</i></p>	
	1	<p>Able to predict based on any one aspect  <i>Dapat meramal berdasarkan salah satu aspek</i></p>	
	0	<p>Wrong response  <i>Respon salah</i></p>	
(h)	3	<p>Able to describe the concept of vitamin C based on the following aspect  <i>Dapat menjelaskan tentang konsep vitamin C berdasarkan aspek berikut</i></p> <p>E1 - the content of ascorbic acids in a fruit juice  <i>kandungan asid askorbik dalam jus buah</i></p> <p>E2 - that can be determined with the volume of fruit juice to decolourise 1ml DCPIP solution  - <i>Yang dapat ditentukan dengan kandungan jus buah yang dapat melunturkan 1ml larutan DCPIP</i></p> <p>E3 - and it is affected by the different type of fruit juice  - <i>dan dapat dipengaruhi oleh jus buah yang berbeza</i></p>	

	2	Able to define based on any two aspects <i>Dapat mendefinisikan berdasarkan mana mana dua aspek</i>													
	1	Able to define based on any one aspect <i>Dapat mendefinisikan berdasarkan mana mana satu aspek</i>													
	0	Wrong response <i>Respon salah</i>													
(i)	3	Able to complete Table 3 by listing all the apparatus and materials. <i>Dapat melengkapkan Jadual dengan menenaraikan alat radas dan bahan dengan betul</i>													
		<table border="1"> <thead> <tr> <th>Apparatus</th> <th>Material</th> </tr> </thead> <tbody> <tr> <td>Syringe with needle <i>Picagari dengan jarum</i></td> <td>Orange juice <i>Jus Oren</i></td> </tr> <tr> <td>Reagent bottle <i>Botol Reagen</i></td> <td>Guava juice <i>Jus Jambu</i></td> </tr> <tr> <td>Beaker <i>Bikar</i></td> <td>Starfruit juice <i>Jus Belimbing</i></td> </tr> <tr> <td></td> <td>Ascorbic acid <i>Asid Askorbik</i></td> </tr> <tr> <td></td> <td>DCPIP solution <i>Larutan DCPIP</i></td> </tr> </tbody> </table>	Apparatus	Material	Syringe with needle <i>Picagari dengan jarum</i>	Orange juice <i>Jus Oren</i>	Reagent bottle <i>Botol Reagen</i>	Guava juice <i>Jus Jambu</i>	Beaker <i>Bikar</i>	Starfruit juice <i>Jus Belimbing</i>		Ascorbic acid <i>Asid Askorbik</i>		DCPIP solution <i>Larutan DCPIP</i>	
Apparatus	Material														
Syringe with needle <i>Picagari dengan jarum</i>	Orange juice <i>Jus Oren</i>														
Reagent bottle <i>Botol Reagen</i>	Guava juice <i>Jus Jambu</i>														
Beaker <i>Bikar</i>	Starfruit juice <i>Jus Belimbing</i>														
	Ascorbic acid <i>Asid Askorbik</i>														
	DCPIP solution <i>Larutan DCPIP</i>														
		3A + 5M													
	2	Able to state the apparatus and materials correctly. <i>Dapat menyatakan alat radas dan bahan dengan betul</i> 2A + 4M													
	1	Able to state the apparatus and materials correctly. <i>Dapat menyatakan alat radas dan bahan dengan betul</i> 1A + 3M													
	0	Wrong response <i>Respon salah</i>													

EXAMPLE OF A FORMAT FOR PLANNING AN EXPERIMENT (RUBRIC)

SOALAN 2 :

<p>Problem statement Pernyataan masalah</p>	<p>MV : The concentration of an external solution/sucrose solution <i>Kepekatan larutan luar/ larutan sukrosa</i></p> <p>RV : which has no effect on potato cells / no effect on the length/ mass of potato strip <i>Tiada kesan terhadap sel ubi kentang / tiada kesan terhadap panjang/jisim jalur ubi kentang</i></p> <p>Q : Relation in question form and question symbol [?] <i>Hubungan dalam ayat soalan dan mesti ada tanda (?)</i></p> <p>Sample Answer:</p> <ol style="list-style-type: none"> <li>1. What is the concentration of the an external solution which has no effect on potato cells? <i>Apakah kepekatan satu larutan luar yang tidak mempunyai kesan ke atas sel ubi kentang?</i></li> <li>2. What is the concentration of the an external solution which has no effect on the length/mass of potato strip? <i>Apakah kepekatan satu larutan luar yang tidak mempunyai kesan ke atas panjang/jisim jalur ubi kentang?</i></li> </ol>	<p>3m</p>
<p>Hypothesis Hipotesis</p>	<p>MV : The concentration of an external solution/sucrose solution <i>Kepekatan larutan luar / larutan sukrosa</i></p> <p>RV : which has no effect on potato cells / no effect on the length/ mass of potato strip <i>Tiada kesan terhadap sel ubi kentang / tiada kesan terhadap panjang/jisim ubi kentang</i></p>	<p>3m</p>

	<p>H : Relationship <i>Hubungan</i></p> <p>Sample Answer :</p> <p>1. The concentration of an external solution which has no effect on potato cells has no effect on the length/ mass of potato strip <i>Kepekatan satu larutan luar/larutan sukrosa yang tiada kesan terhadap sel ubi kentang / tiada kesan terhadap panjang/jisim jalur ubi kentang</i></p>	
<p>Pembolehubah</p>	<p>MV : The concentration of sucrose solution <i>Kepekatan larutan sukrosa</i></p> <p>RV : length/ mass of potato strip <i>panjang/jisim ubi kentang</i></p> <p>CV : surrounding temperature and time <i>Suhu persekitaran dan masa</i></p>	<p>3m</p>
<p>Apparatus and Material <i>Radas (A) &amp; Bahan (M)</i></p>	<p>Material : potatoes, distilled water, sucrose solution with concentration of 0.1 M, 0.2 M, 0.3 M, 0.4 M, 0.5 M and 0.6 M, filter paper, graph paper <i>Bahan (M) : ubi kentang, air suling, larutan sukrosa dengan kepekatan 0.1 M, 0.2 M, 0.3 M, 0.4 M, 0.5 M and 0.6 M, kertas luras, kertas graf</i></p> <p>Apparatus : petri dish, forceps, cork borer, scalpel, ruler/electronic balance, beaker, white tile, <i>Radas : piring petri, forsep, penebuk gabus, skalpel, pembaris/penimbang elektronik, bikar, jubin putih</i></p> <p><math>7A-6A+5M = 3m</math> , <math>5A-4A+4M = 2m</math> , <math>3A-2A+3M = 1m</math></p>	<p>3m</p>
<p>Procedure <i>Prosedur</i></p>	<p>Able to state K1,K2,K3, K4 and K5 correctly.</p> <p>K1 : The set up of apparatus– at least 5. K2 : Operating fixed variable – at least 1 K3 : Operating responding variable– at least 1. K4 : Operating manipulated variable– at least 1 K5 : Precaution / Accuracy of statement – at least 1</p>	

1. Label 7 petri dishes as A, B, C, D, E, F and G 9 (K1)  
*Label 7 piring petri sebagai A, B, C, D, E, F dan G (K1)*
2. Fill each petri dish with the following solutions :(K1)(K4)  
*Isikan setiap piring petri dengan larutan berikut (K1)(K4)*

5K =  
3m  
  
3K-  
4K =  
2m  
  
2K =  
1m

Petri dish <i>Piring petri</i>	Solution <i>Larutan</i>
A	Distilled water <i>Air suling</i>
B	0.1 M sucrose solution <i>Larutan sukrosa 0.1M</i>
C	0.2 M sucrose solution <i>Larutan sukrosa 0.1M</i>
D	0.3 M sucrose solution <i>Larutan sukrosa 0.1M</i>
E	0.4 M sucrose solution <i>Larutan sukrosa 0.1M</i>
F	0.5 M sucrose solution <i>Larutan sukrosa 0.1M</i>
G	0.6 M sucrose solution <i>Larutan sukrosa 0.1M</i>

3. Use a cork borer to get 7 cylindrical strips of potato. (K1)  
*Guna satu penebuk gabus untuk mendapatkan 7 jalur silinder ubi kentang.(K1)*
4. Measure and cut each strip to a length of 4 cm (K2)  
*Ukur dan potong setiap jalur sepanjang 4 cm. (K2)*
5. Put one potato strip into each petri dish and let it soaked for 1 hour (K1)(K2)  
*Letak satu jalur ubi kentang ke dalam setiap piring petri dan biarkan selama 1 jam (K1) (K2)*
6. After an hour, use a forceps to take out the potato strips. (K1)  
Wipe each potato dry with a piece of filter paper. (K5) Measure the length/weight the mass of potato strip using the ruler/electronic balance .(K3)  
*Selepas satu jam, gunakan forseps untuk mengambil keluar jalur*

ubi kentang. (K1) Keringkan setiap jalur ubi kentang dengan sehelai kertas tulas. (K5) Ukur panjang/imbangan jisim jalur ubi kentang dengan menggunakan pembaris/neraca perimbang. (K3)

7. Record the data obtained in a table. (K1)

*Rakod data yang diperolehi dalam satu jadual. (K1)*

8. Draw a graph of change in length / mass of potato strip against the concentration of sucrose solution. (K3)

*Lukis satu graf perubahan dalam panjang/ jisim jalur ubi kentang melawan kepekatan larutan sukrosa. (K3)*

9. The concentration of the sucrose solution in which the change in length/mass of potato strip is zero is the solution which has no effect on potato cells (K3)

*Kepekatan larutan sukrosa yang mana perubahan dalam panjang/ jisim jalur ubi kentang ialah sifar adalah larutan yang tidak ada kesan ke atas sel ubi kentang. (K3)*

Data

P1 : MV with correct unit  
P2 : RV with correct unit

(P1) Petri dish Piring petri	(P1) Solution Larutan	Length/mass of potato strip (cm) Panjang/ jisim jalur ubi kentang(cm)		(P2) Change in length/mass (cm) Perubahan panjang/ jisim(cm)	(P2) Percentage difference in length/mass( %) Peratusan perbezaan panjang/jisim (%)
		Initial Awal	Final Akhir		
A	0.1 M				
B	0.2 M				
C	0.3 M				
D	0.4 M				
E	0.5 M				
F	0.6 M				
G	0.7 M				

2 in