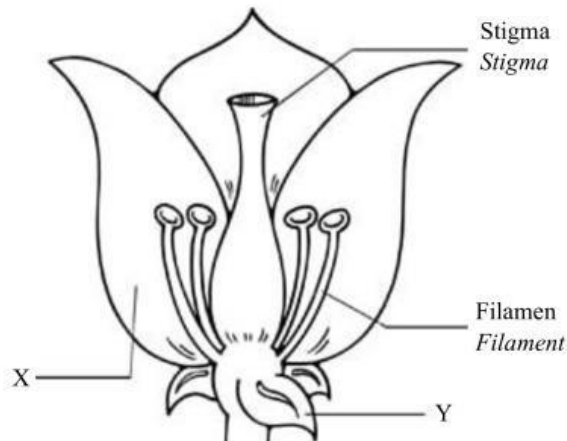


- 4 Rajah di bawah menunjukkan keratan membujur struktur bunga.
The diagram below shows the longitudinal section of structure of a flower.



- (a) Nyatakan fungsi bahagian berlabel X dan Y.
State the functions of the parts labelled X and Y.

X: _____

Y: _____

[2 markah/2 marks]

- (b) Namakan **satu** agen pendebungaan bagi tumbuhan ini. Terangkan bagaimana agen pendebungaan membantu proses pendebungaan berlaku.
*Name **one** pollinating agent for this plant. Explain how the pollinating agent helps the pollination process to occur.*

[3 markah/3 marks]

- (c) Kaji maklumat yang di bawah tentang kelebihan sejenis pendebungaan.
Study the information below about the advantages of a type of pollination.

- Tanaman mempunyai varieti baharu
New varieties of plants
- Pokok baharu bertahan terhadap perosak
New plants resist to pests
- Biji benih lebih berkualiti
Seeds are more quality
- Tumbuhan lebih sihat
Healthier plants

Adakah pendebungaan di atas merupakan pendebungaan sendiri atau pendebungaan kacuk? Terangkan jawapan anda.

Is the pollination above a self-pollination or cross-pollination? Explain your answer.

[3 markah/3 marks]

- (d) Karim ingin membuka perniagaan jus jambu. Dia telah membuat tinjauan ke kebun Encik Jamil. Didapati buah jambu di kebun Encik Jamil adalah kurang manis. Cadangkan bagaimana Encik Jamil dapat menghasilkan buah jambu yang lebih manis. Terangkan jawapan anda.

Karim wants to open a guava juice business. He has conducted a survey of Mr. Jamil plantation. It is found that the guava fruits in Mr. Jamil plantation are less sweet. Suggest how Mr. Jamil can produce sweeter guava fruits. Explain your answer.

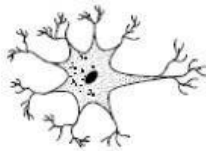
[2 markah/2 marks]

- 5 Rajah di bawah menunjukkan sel-sel yang terdapat dalam badan manusia.

The diagram below shows the cells found in the human body.



Sel darah merah
Red blood cell



Sel saraf
Nerve cell



Sperma
Sperm

- (a) Tandakan (✓) pada sel yang terlibat dengan pembiakan.

Mark (✓) for the cell which is involved in reproduction.

Sel darah merah <i>Red blood cell</i>		Sel saraf <i>Nerve cell</i>		Sperma <i>Sperm</i>	
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[1 markah/1 mark]

- (b) Nyatakan ciri bagi sel yang berikut.

State the characteristics of the following cells.

Sel darah merah: _____

Red blood cell:

Sel saraf: _____

Nerve cell:

[2 markah/2 marks]