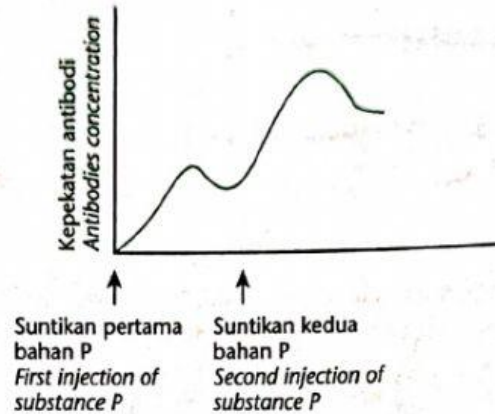


### Pertahanan Badan

Graf di bawah menunjukkan perubahan kepekatan antibodi dalam darah seorang lelaki.  
The graph below shows the change of antibody concentration in the blood of a man.



- (a) Namakan bahan P. **SP4.2.3** TP1  
Name the substance P.

[1 markah/1 mark]

- (b) Namakan **satu** penyakit yang boleh dicegah melalui suntikan bahan P. **SP4.2.3** TP1  
Name **one** disease that can be prevented by the injection of substance P.

[1 markah/1 mark]

- (c) Berdasarkan graf, terangkan apakah yang akan berlaku selepas suntikan pertama. **SP4.2.4** TP4  
Based on the graph, explain what will happen after the first injection.

[2 markah/2 marks]

- (d) Berdasarkan graf, terangkan apakah yang akan berlaku selepas suntikan kedua. **SP4.2.4** TP4  
Based on the graph, explain what will happen after the second injection.

[2 markah/2 marks]

- (e) Terdapat segelintir ibu bapa yang menolak suntikan bahan P ke atas anak-anak mereka. Pada pendapat anda, adakah anda bersetuju dengan tindakan ibu bapa tersebut? Terangkan pendapat anda. **SP4.2.3** TP5  
**KBAT** There are groups of parents who refused to give their children the injections of substance P. In your opinion, do you agree with the parents' action? Explain your opinion.

[2 markah/2 marks]