

### 3.7 AKTIVITI PERBINCANGAN

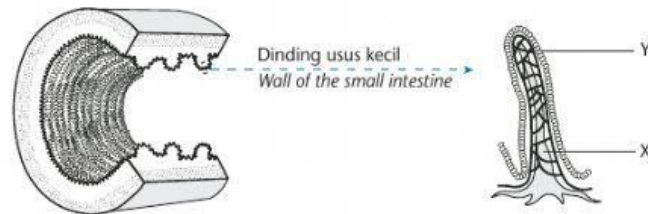
### Asimilasi, penyerapan semula air dan penyahtinjaan

Assimilation, reabsorption of water and defecation

PBD  
Masteri

Buku teks m/s 66, 68 – 69

- 1 Rajah di bawah menunjukkan struktur suatu vilus.  
The diagram below shows a structure of villus.



Apakah struktur yang berlabel X dan Y? **TP1**

What are the structures labelled X and Y?

X: \_\_\_\_\_ Y: \_\_\_\_\_

- 2 Tandakan (✓) **dua** sistem badan yang terlibat pada makanan di usus kecil sehingga di sel-sel badan.  
Mark (✓) **two** body systems involved on food in small intestine until in body cells. **TP1**

☐

Sistem perkumuhan  
Excretory system

☐

Sistem pencernaan  
Digestive system

☐

Sistem peredaran darah  
Blood circulatory system

- 3 Apakah nama proses pengagihan hasil akhir pencernaan bagi kegunaan sel-sel badan seperti pembentukan sel-sel baharu, untuk respirasi dan pengawalan suhu badan? **TP1**  
What is name of the process which distributes the final products of digestion for the use of body cells such as the formation of new cells, for respiration and regulation of body temperature?

- 4 Padankan hasil akhir pencernaan dengan kegunaannya dalam proses asimilasi. **TP2**  
Match the end products of digestion with their uses in the process of assimilation.

- |                                                          |   |                                                                                          |
|----------------------------------------------------------|---|------------------------------------------------------------------------------------------|
| (i) Asid amino/Amino acid                                | • | Bergabung untuk membentuk lemak<br>Combine to form fat                                   |
| (ii) Glukosa/Glucose                                     | • | Membina komponen sel-sel<br>Builds components of cells                                   |
| (iii) Asid lemak dan gliserol<br>Fatty acid and glycerol | • | Menghasilkan tenaga dalam proses respirasi<br>Produces energy in the respiration process |

- 5 Namakan proses penyingkiran tinja (makanan tidak tercerna) dari badan. **TP1**  
Name the process of removing faeces (undigested food) from the body.

- 6 (a) Azlan menghadapi kesukaran menyingkirkan tinja dari rektum. Nyatakan keadaan itu. **TP2**  
Azlan has difficulty in removing faeces from the rectum. State the condition.

- (b) Cadangkan **dua** cara untuk mengatasi masalah yang dinyatakan di 6(a). **TP2**  
Suggest **two** ways to overcome the problem stated in 6(a).



Praktis  
Kendiri

**Ingat!**

Penyerapan semula air ke dalam usus besar dapat mengekalkan keseimbangan bendalir dalam badan.  
The reabsorption of water into large intestine is able to maintain the balance of fluids in the body.