

BAHAGIAN B

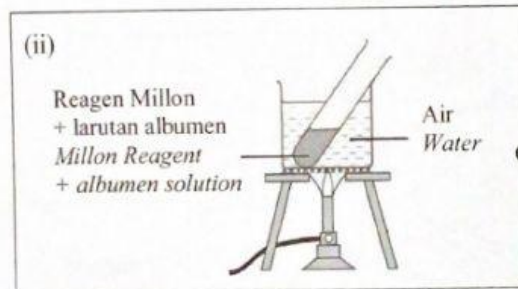
Arahan: Jawab semua soalan.

Instructions: Answer all the questions.

- 1 (a) Rajah di bawah menunjukkan beberapa ujian makanan. Padankan jenis ujian makanan dengan pemerhatian yang akan diperolehi.
The diagram below shows the food tests. Match the type of food test to its observation.



Mendakan merah bata terbentuk kerana kehadiran glukosa.
A brick-red precipitate formed because the presence of glucose.



Larutan menjadi warna biru tua kerana kehadiran kanji.
Solution turns blue black because of the presence of starch.

Mendakan merah bata terbentuk kerana kehadiran protein.
A brick-red precipitate forms because of the presence of protein.

[2 markah/2 marks]

- (b) Gariskan pernyataan yang betul tentang kelas makanan.
Underline the correct statement about the classes of food.

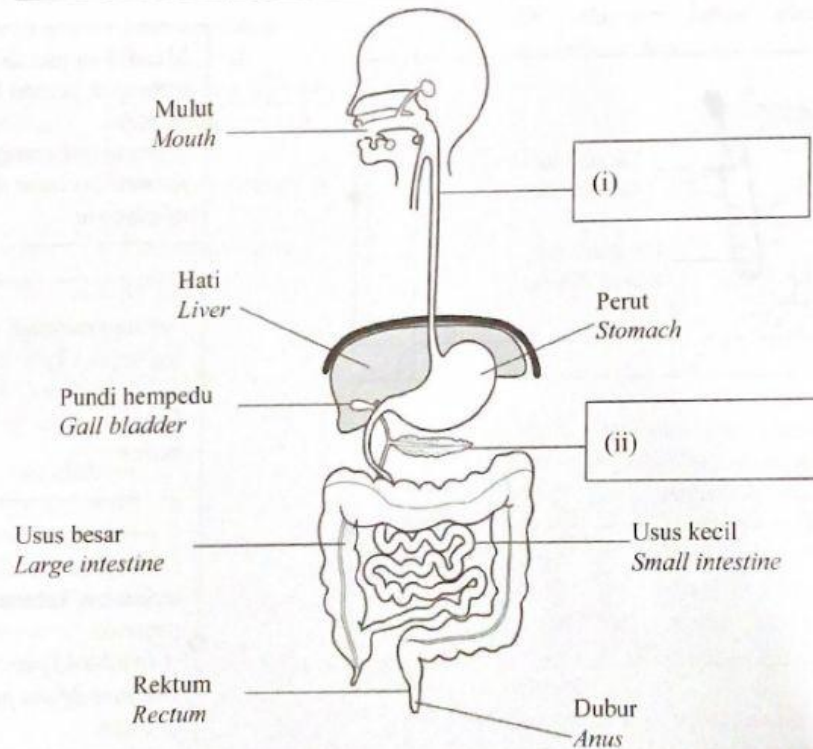
- (i) Mineral yang membantu mengekalkan keseimbangan bendalir badan adalah (fosforus / natrium).
Mineral that helps to maintain the balance of body fluid is (phosphorus / sodium).
- (ii) (Anemia / Skurvi) adalah kesan daripada kekurangan vitamin B dalam badan.
(Anaemia / Scurvy) is the effects of deficiency of vitamin B in the body.

[2 markah/2 marks]

- 2 Rajah di bawah menunjukkan struktur sistem pencernaan manusia.
The diagram below shows the structure of human digestive system.

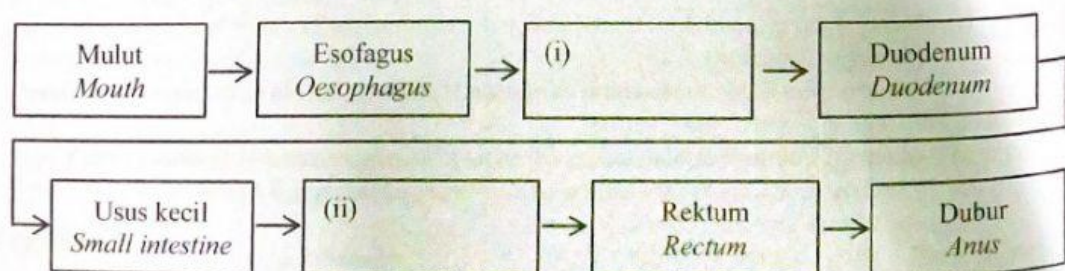
- (a) Labelkan struktur menggunakan perkataan yang diberikan.
Label the structures using the given words.

Esofagus <i>Oesophagus</i>	Trakea <i>Trachea</i>	Duodenum <i>Duodenum</i>	Pankreas <i>Pancreas</i>
-------------------------------	--------------------------	-----------------------------	-----------------------------



[2 markah/2 marks]

- (b) Lengkapi peta alir di bawah bagi menunjukkan aliran makanan dalam salur pencernaan.
Complete the flow map below to show the flow of food in the digestive tract.



[2 markah/2 marks]

- 3 (a) Padankan bahagian sistem pencernaan di bawah kepada fungsinya yang betul.
Match the parts of the digestive system below to their correct functions.

Bahagian sistem pencernaan
Part of the digestive system

(i) Esofagus
Oesophagus

(ii) Usus kecil
Small intestine

Fungsi
Function

● Pencernaan lemak, protein dan kanji
Digestion of fat, protein and starch

● Melengkapi pencernaan di mana makanan tercerna diserap
Completes digestion where digested food is absorbed

● Menghantar makanan ke perut
Sends food to the stomach

[2 markah/2 marks]

- (b) Bulatkan kesan kekurangan bagi jenis vitamin yang diberikan.
Circle the effect of deficiency for the type of vitamins given.

(i) Vitamin A
Vitamin A

Kemandulan
Sterility

Rabun malam
Night blindness

Beri-beri
Beri-beri

(ii) Vitamin K
Vitamin K

Skurvi
Scurvy

Darah lambat beku
Prolonged bleeding

Anemia
Anaemia

[2 markah/2 marks]