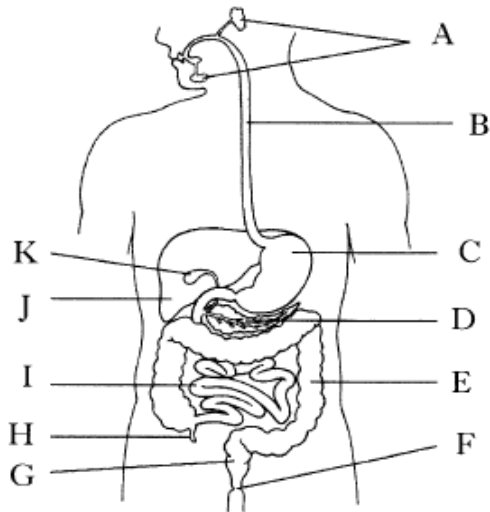


Key Area 2.7

Homework 2

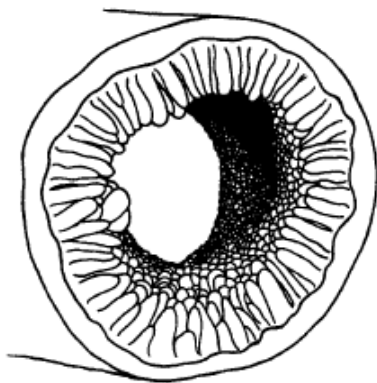
1. The diagram below shows the human digestive system.



(a) Complete the table to identify the following parts of the digestive system. KU2

<i>Part of digestive system</i>	<i>Letter</i>
oesophagus	
pancreas	
	K
	C

(b) The diagram shows a cross section of the small intestine.



Describe one feature of the small intestine shown on the diagram and explain how it helps in the absorption of food.

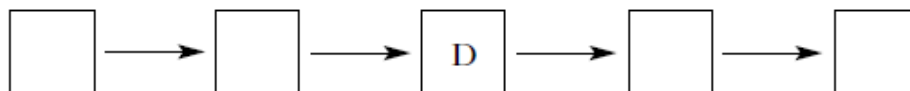
Feature _____ KU1

Explanation _____ KU1

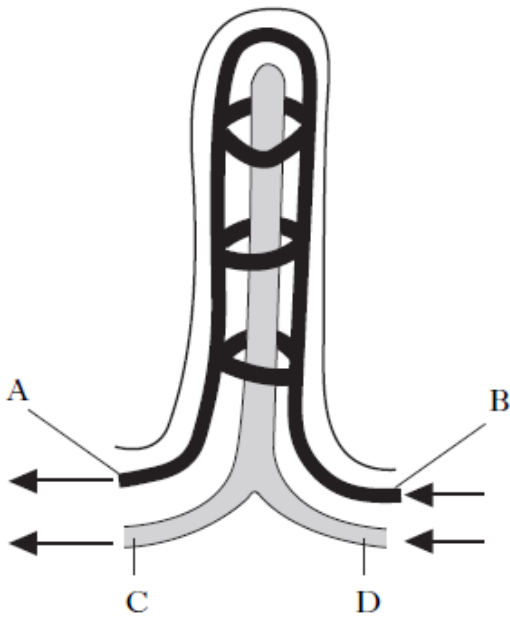
(c) The following list gives parts of a mammal's digestive system.

- List A large intestine
- B stomach
- C oesophagus
- D small intestine
- E anus

Using the letters from the list, arrange the parts into the order in which food would pass after leaving the mouth. KU1



2. The diagram below represents a structure found in the small intestine. The arrows show the direction of the flow of fluids through the structure.



(i) What is the name of this structure? KU1

(ii) Which letter identifies the position of the fluid with the highest glucose content, after the absorption of digested food?

Can you name this vessel? KU1

Letter _____

Vessel _____

(iii) Which letter identifies the position of the fluid with the highest fat content, after the absorption of digested food? Can you name this vessel?

Letter _____

Vessel _____

KU1