

## 7.5 Absorption

01. 0610\_p20\_qp\_20 Q: 12

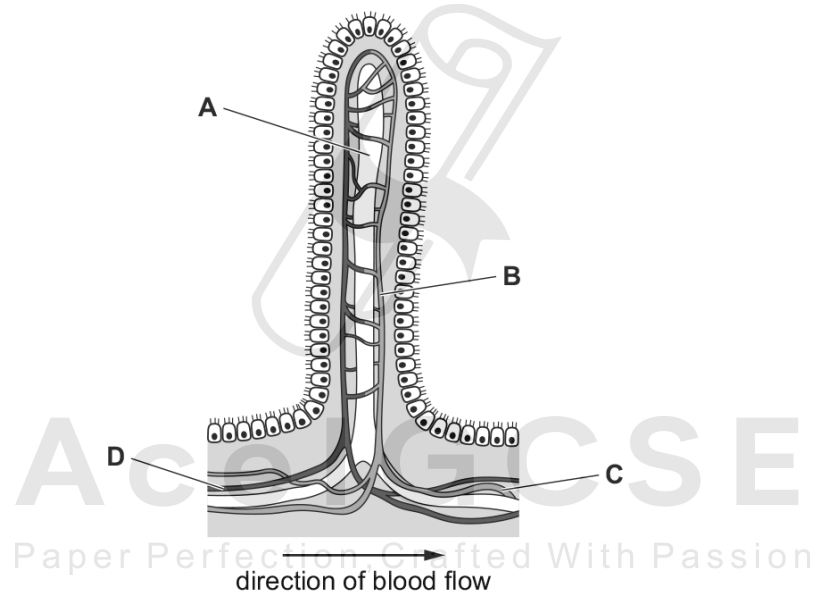
What is the function of the lacteal in a villus?

- A absorbs the fatty acids
- B allows substances to pass from the lumen of the intestine into the villus
- C takes oxygen to the villus
- D absorbs the glucose and amino acids

02. 0610\_s20\_qp\_22 Q: 14

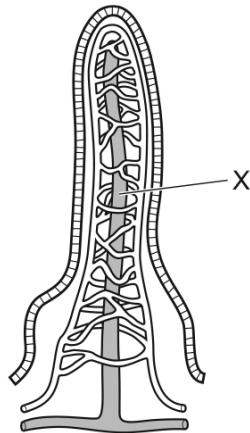
The diagram shows the structure of a villus. The arteriole, capillary, lacteal and venule are labelled with letters.

Which letter shows where nutrients are absorbed into the blood?



03. 0610\_s20\_qp\_23 Q: 14

The diagram shows a villus in the small intestine.

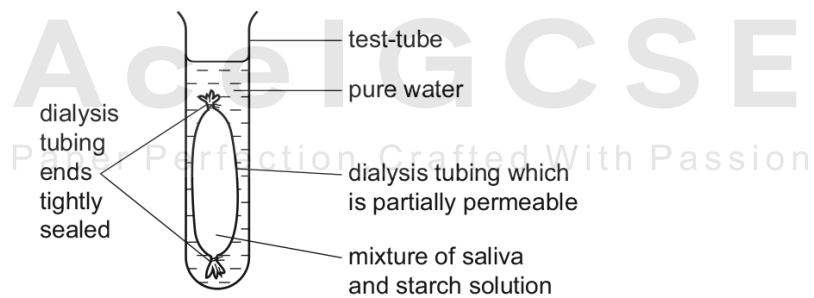


What is absorbed at X?

- A fats
- B glucose
- C glycogen
- D starch

04. 0610\_w20\_qp\_22 Q: 14

The diagram shows the apparatus used in an experiment to demonstrate two processes that take place in the body.



After one hour, the water outside the dialysis tubing contained reducing sugars.

Which two processes are represented by this experiment?

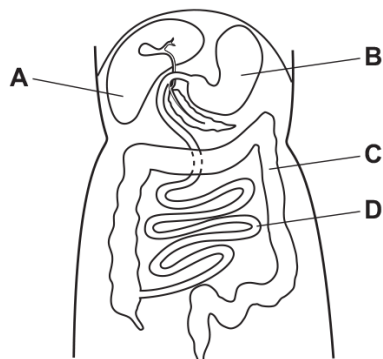
- A absorption and digestion
- B absorption and egestion
- C digestion and egestion
- D digestion and ingestion

7.5. ABSORPTION

05. 0610\_s18\_qp\_22 Q: 14

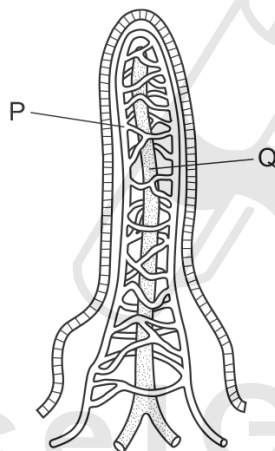
The diagram shows part of the alimentary canal.

Where is most water absorbed?



06. 0610\_s17\_qp\_23 Q: 15

The diagram shows a villus. Structures P and Q absorb different products of digestion.

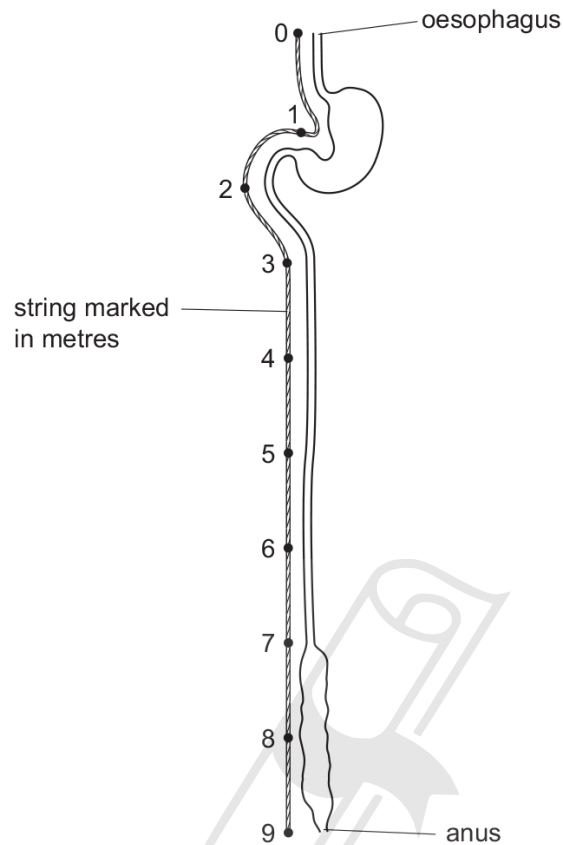


Which row identifies the products absorbed by P and Q?

	P	Q
<b>A</b>	amino acids	glucose
<b>B</b>	fatty acids	maltose
<b>C</b>	glucose	fatty acids
<b>D</b>	maltose	amino acids

07. 0610\_w17\_qp\_23 Q: 14

The diagram shows the human alimentary canal, with a string marked in metres beside it.



How long is the small intestine?

- A** 2m                      **B** 6m                      **C** 8m                      **D** 9m

08. 0610\_p16\_qp\_20 Q: 12

What is the function of the lacteal in a villus?

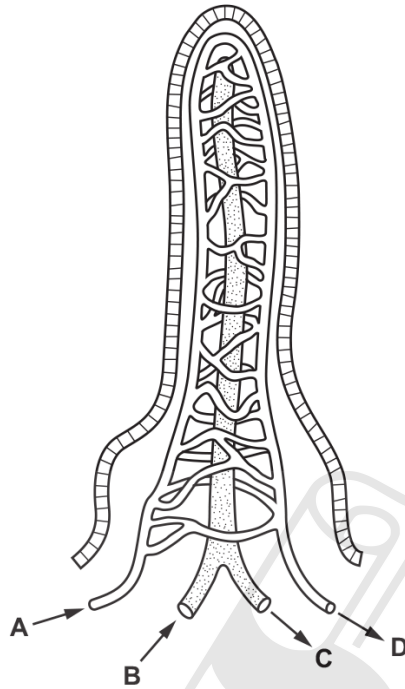
- A** absorbs the fatty acids  
**B** allows substances to pass from the lumen of the intestine into the villus  
**C** takes oxygen to the villus  
**D** absorbs the glucose and amino acids

7.5. ABSORPTION

09.0610\_s16\_qp\_21 Q:13

The diagram shows a villus. The arrows show the direction of flow within vessels associated with the villus.

Which vessel carries blood to the liver?



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# Answers

SN	Paper	Q. No.	Answer
01	0610_p20_qp_20	12	A
02	0610_s20_qp_22	14	B
03	0610_s20_qp_23	14	A
04	0610_w20_qp_22	14	A
05	0610_s18_qp_22	14	D
06	0610_s17_qp_23	15	C
07	0610_w17_qp_23	14	B
08	0610_p16_qp_20	12	A
09	0610_s16_qp_21	13	D



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