

1. **Nov/2020/Paper_11/No.14**

Which stage of nutrition takes place when food molecules become part of a body cell?

- A absorption
- B assimilation
- C digestion
- D ingestion

2. **Nov/2020/Paper_11/No.15**

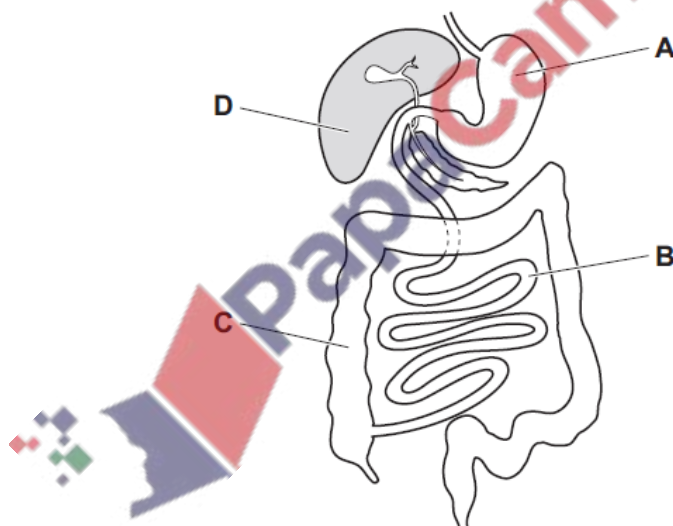
What is the definition of chemical digestion?

- A Large insoluble molecules are changed into smaller soluble molecules.
- B Large soluble molecules are changed into smaller soluble molecules.
- C Small insoluble molecules and ions are passed through the wall of the small intestine.
- D Small soluble molecules and ions are passed through the wall of the small intestine.

3. **Nov/2020/Paper_11/No.16**

The diagram shows the human alimentary canal.

Where is most digested food absorbed into the blood?



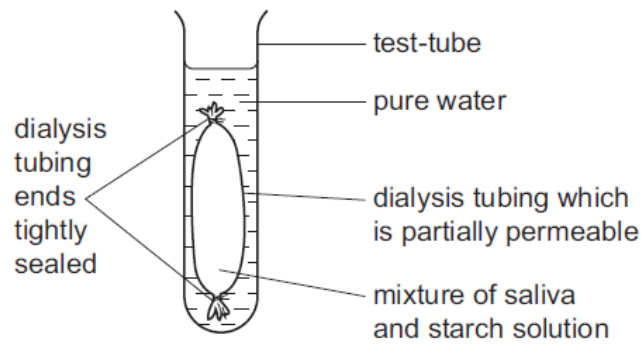
4. **Nov/2020/Paper_12/No.14**

Which stage of nutrition takes place when food molecules become part of a body cell?

- A absorption
- B assimilation
- C digestion
- D ingestion

5. Nov/2020/Paper_12/No.15

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

6. Nov/2020/Paper_12/No.16

Which type of organism causes tooth decay?

- A arachnid
- B bacterium
- C producer
- D virus

7. Nov/2020/Paper_13/No.14

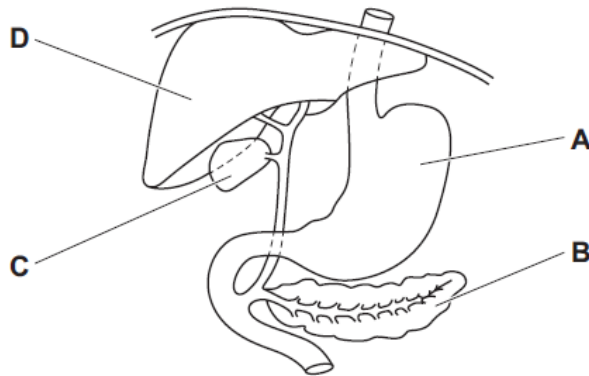
Which stage of nutrition takes place when food molecules become part of a body cell?

- A absorption
- B assimilation
- C digestion
- D ingestion

8. Nov/2020/Paper_13/No.15

The diagram shows part of the alimentary canal and associated organs.

Which labelled part stores bile?



9. Nov/2020/Paper_13/No.16

Which human teeth are used for biting and cutting food?

- A canines and molars
- B incisors and canines
- C molars and premolars
- D premolars and incisors

10. Nov/2020/Paper_21/No.13

Which stage of nutrition takes place when food molecules become part of a body cell?

- A absorption
- B assimilation
- C digestion
- D ingestion

11. Nov/2020/Paper_21/No.14

What is the definition of chemical digestion?

- A Large insoluble molecules are changed into smaller soluble molecules.
- B Large soluble molecules are changed into smaller soluble molecules.
- C Small insoluble molecules and ions are passed through the wall of the small intestine.
- D Small soluble molecules and ions are passed through the wall of the small intestine.

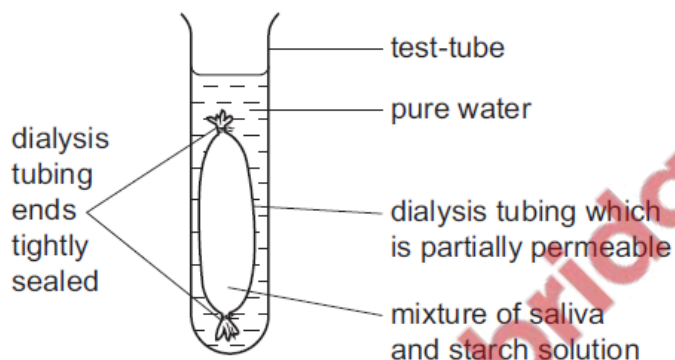
12. Nov/2020/Paper_22/No.13

Which stage of nutrition takes place when food molecules become part of a body cell?

- A absorption
- B assimilation
- C digestion
- D ingestion

13. Nov/2020/Paper_22/No.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

14. Nov/2020/Paper_23/No.13

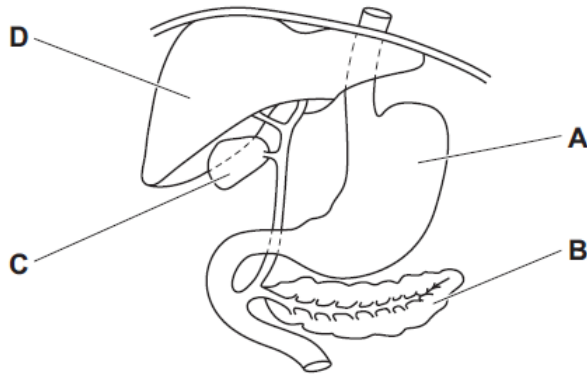
Which stage of nutrition takes place when food molecules become part of a body cell?

- A absorption
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15. Nov/2020/Paper_23/No.14

The diagram shows part of the alimentary canal and associated organs.

Which labelled part stores bile?




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Fig. 2.1 is a vertical section of a human molar tooth and surrounding structures.

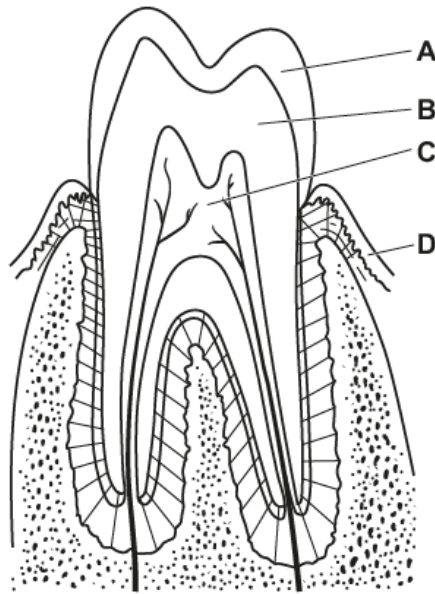


Fig. 2.1

(a) State the names of the parts labelled A to D on Fig. 2.1.

- A
- B
- C
- D

[4]

(b) Describe and explain the function of molar teeth.

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-
-
-
-
-
-
-
-

[3]

(a) A person ate a meal containing starch and fat.

Fig. 2.1 shows some events that occurred after ingesting this meal.

P	absorption of nutrients in the villi
Q	assimilation of fatty acids in the liver
R	breakdown of large food particles by the teeth
S	movement of small food particles through the oesophagus
T	secretion of amylase from the salivary glands

Fig. 2.1

Put the events in Fig. 2.1 into the correct sequence. One has been done for you.

R				
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[2]

(b) The stomach lining contains cells that secrete proteins.

(i) State the names of **two** cell structures that are involved in making or secreting proteins.

1

2

[2]

(ii) State the name of **one** component of gastric juice **and** describe its functions.

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[3]

(iii) There are goblet cells in many parts of the alimentary canal.

State the substance that goblet cells secrete.

..... [1]

(c) Emulsification of fats occurs in the alimentary canal.

(i) Describe the process of emulsification of fats.

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.....
.....
..... [2]

(ii) State the name of the organ in the alimentary canal where fats are emulsified.

..... [1]

(iii) State the name of the structure in the villi where digested fats are absorbed.

..... [1]

[Total: 12]

