

7. Human nutrition

7.3 Physical digestion

Paper 1 and 2

Question Paper

Paper 1

Questions are applicable for both core and extended candidates

1 Which row identifies the four types of human teeth shown?

1



2



3

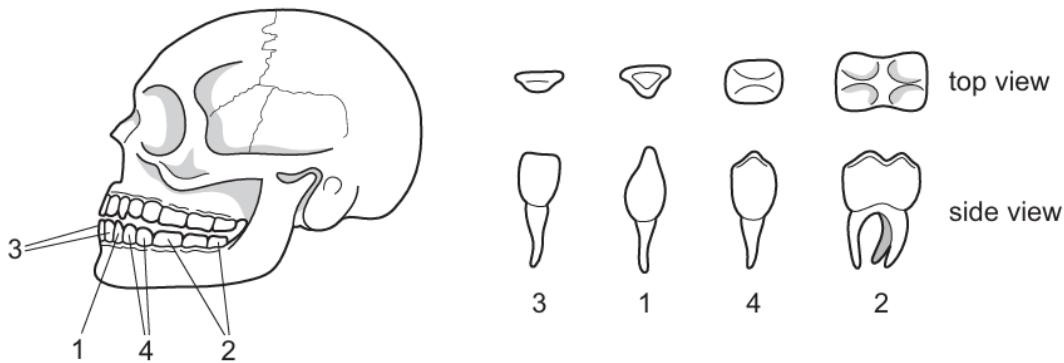


4



	1	2	3	4
A	canine	incisor	molar	premolar
B	premolar	incisor	molar	canine
C	canine	premolar	incisor	molar
D	premolar	molar	incisor	canine

2 The diagram shows the four types of teeth in a human jaw.



Which row correctly identifies all four types of teeth?

	1	2	3	4
A	canine	incisor	molar	premolar
B	canine	molar	incisor	premolar
C	premolar	incisor	molar	canine
D	premolar	molar	incisor	canine

3 The diagram shows the different types of teeth found in the upper jaw of a human.

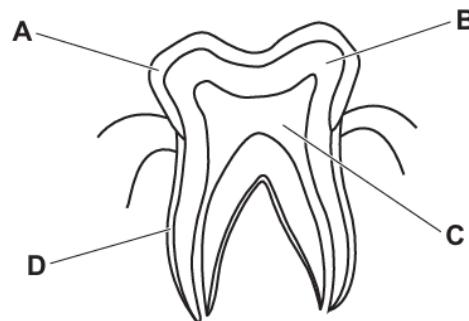
They are in the same order as they are found in the jaw.



Which type of tooth is circled?

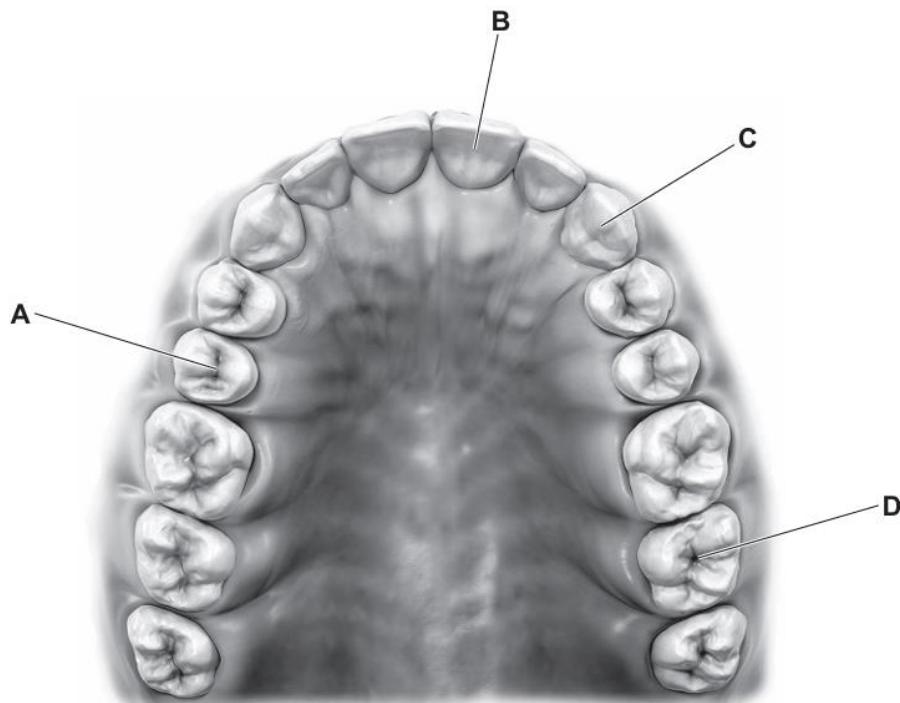
- A** canine
- B** incisor
- C** molar
- D** premolar

4 Which layer is dentine in the diagram of a human tooth?



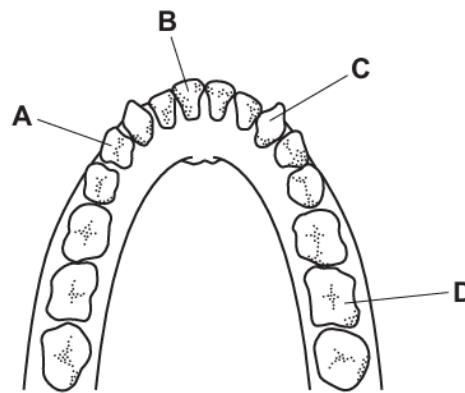
5 The diagram shows a human jaw.

Which labelled tooth is an incisor?



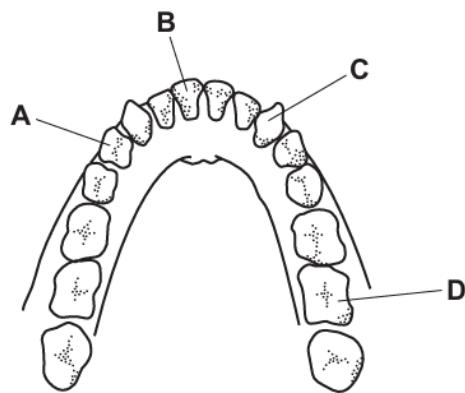
6 The diagram shows the teeth in the lower jaw of a human.

Which tooth is a molar?

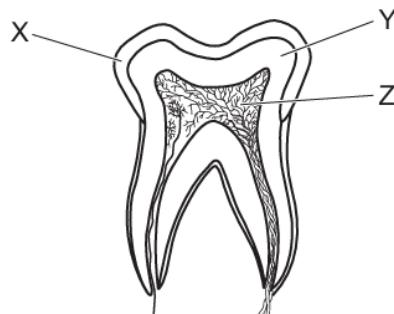


7 The diagram shows the teeth in the lower jaw of a human.

Which tooth is a premolar?



8 The diagram shows a cross-section of a human tooth.



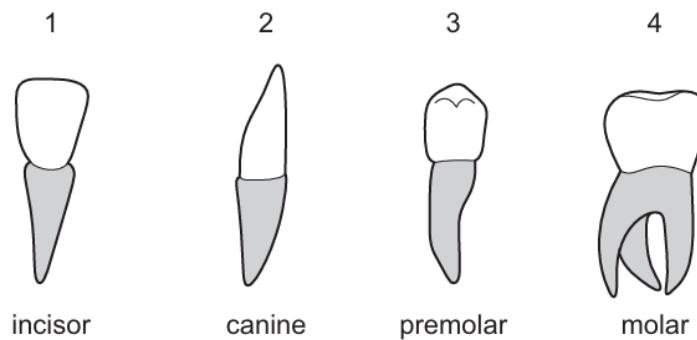
Which row identifies the labels in the diagram?

	X	Y	Z
A	dentine	enamel	pulp cavity
B	dentine	pulp cavity	enamel
C	enamel	pulp cavity	dentine
D	enamel	dentine	pulp cavity

9 What are the functions of human incisors and molars?

	incisors	molars
A	cutting	cutting
B	cutting	grinding
C	grinding	cutting
D	grinding	grinding

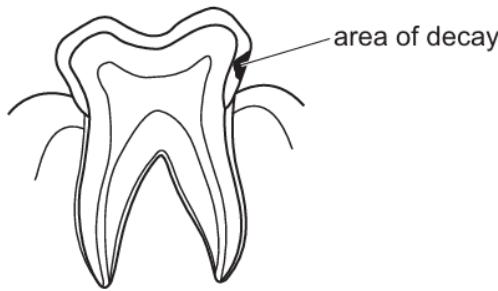
10 The diagram shows the four types of human tooth.



Which teeth are used for grinding food?

A 1 and 2 **B** 2 and 3 **C** 3 and 4 **D** 4 and 1

11 The diagram shows a human tooth with an area of decay.



What is likely to have caused the decay?

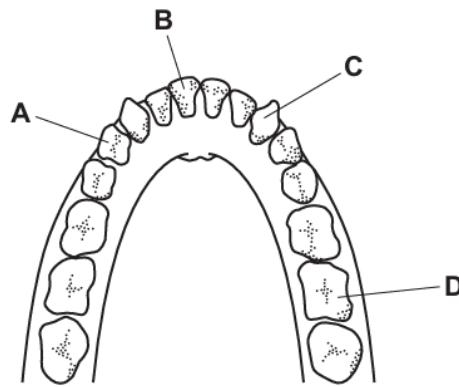
A acids released by bacteria
B digestion of the tooth by bacteria
C excess of fat in the food
D lack of fibre in the food

Paper 2

Questions are applicable for both core and extended candidates

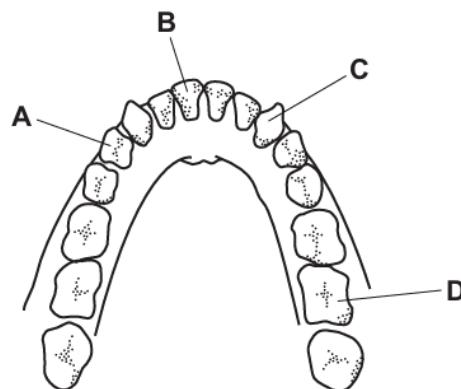
12 The diagram shows the teeth in the lower jaw of a human.

Which tooth is a molar?



13 The diagram shows the teeth in the lower jaw of a human.

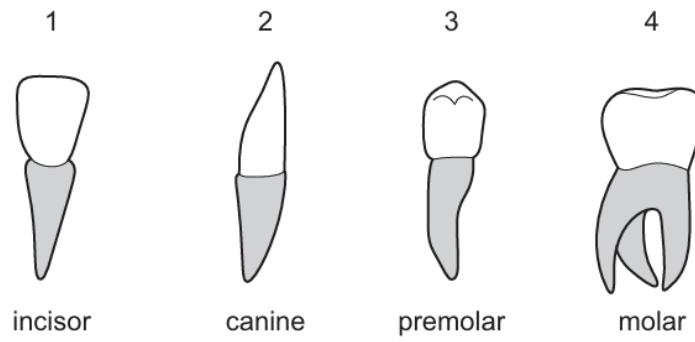
Which tooth is a premolar?



14 Which statement about physical digestion is correct?

- A** It increases the surface area of food.
- B** It involves enzymes.
- C** It takes place in the mouth only.
- D** It produces smaller molecules.

15 The diagram shows the four types of human tooth.



Which teeth are used for grinding food?

- A** 1 and 2
- B** 2 and 3
- C** 3 and 4
- D** 4 and 1