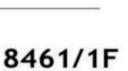
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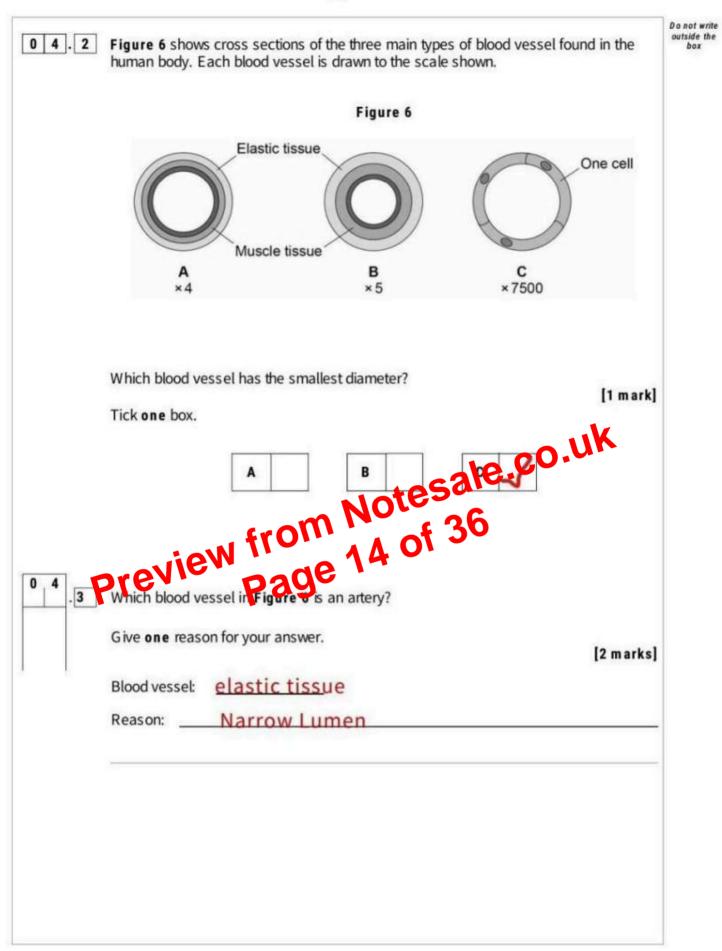
The marks for questions are shown in brackets.

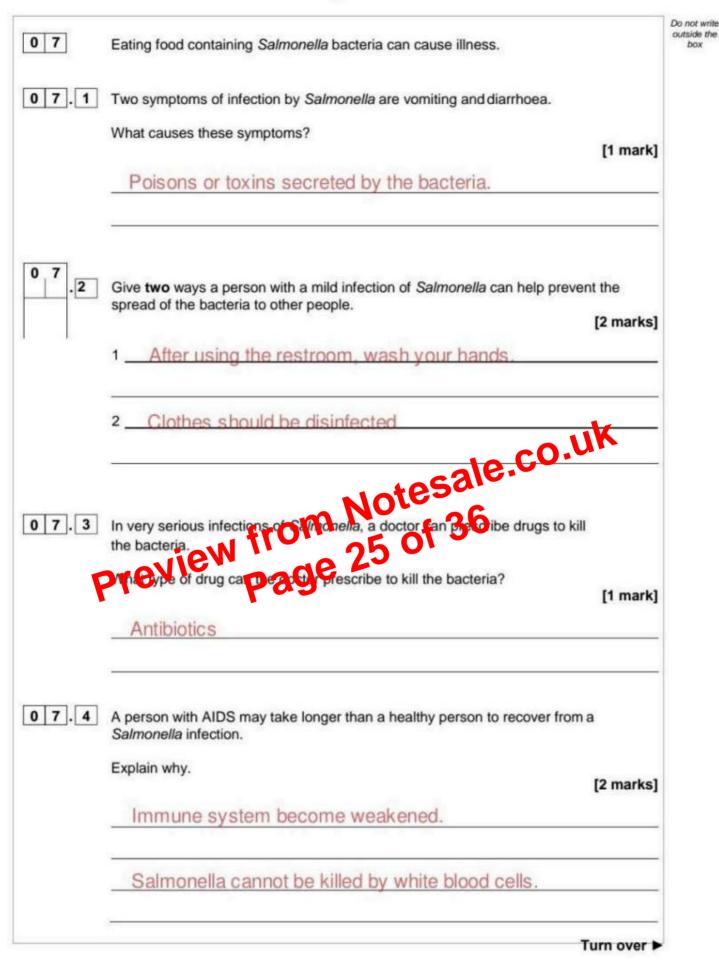
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- You are expected to use a calculator where appropriate.You are reminded of the need for good English and clear presentation in your answers.



03.3	Protease is an enzyme.	Do not w outside t box
	Protease breaks down protein.	
	What is protein broken down into? [1 m ark]	
	Tick one box.	
	Amino acids	
	Fatty acids	
	Glucose	
	Glycerol	
0 3.4	Why is protein needed by the body? [1 mark]	
	Why is protein needed by the body? [1 mark] For growth of instruorgans and for ezymet O Dage Which organ in the human digestive system produces protease?	
0 3.5	Which organ in the human digestive system produces protease?	
	Tick one box.	
	G all bladder	
	Large intestine	
	Liver	
	Stomach	
	Turn over 🕨	





07.8	Give one change to the investigation that would allow the scientist to check if the results are repeatable. [1 mark]	Do not write outside the box
	Check to see if the outcomes are the same each time.	
07.9	The scientist showed the results to the restaurant owner.	
	Both cleaning liquids cost the same per dm ³ .	
	Suggest one other factor the restaurant owner should consider when choosing which cleaning liquid to use. [1 mark]	
	Toxicity or side effects.	
	Turn over for the next queeks ale.co.uk NOL NOL NOL NOL NOL NOL NOL NOL NOL NOL	11
F	preview from 29 of 30 page 29 of 30	
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	Turn over ►	

0 8 . 3	Calculate the percentage decrease in the mean metabolic rate of males betw 5 years and 45 years of age.	een out
	Use the equation:	
	percentage decrease= $\frac{\text{decrease in metabolic rate}}{\text{original metabolic rate}} \times 100$	
	Give your answer to 3 significant figures.	[3 marks]
	17/53 × 100	
	32.07547	
	Percentage decrease= <u>32.1</u>	
	Question 8 continues on the next page	
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