## AQA, OCR, Edexcel

## **GCSE Science**

## **GCSE Biology**

**Enzyme Questions** 

Name:



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Total Marks: /18

Q1: What is an enzyme? (1 mark) Q2: Describe the structure of an enzyme? (3 marks) Q3: Draw and label the active site on an enzyme. (1 mark) Q4: What do enzymes do to the rate of reaction? (1 mark) Q5: Discuss the main metabolic reactions enzymes are involved in. (3 marks) Q6: What term is used to describe an enzyme that no longer works due to temperature changes? (1 mark)

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(3 marks)  18: What are fats broken down into and by which enzyme.  (2 marks)  19: What enzyme breaks down carbohydrates.  (1 mark)  O 2 4 6  pH  (1 mark)  (1 mark)  (1 mark)	77: Discuss the effects of pH on enzyme action.	
18: What are fats broken down into and by which enzyme.  (2 marks)  (9: What enzyme breaks down carbohydrates.  (1 mark)  Pepsin activ		
(2 marks) 99: What enzyme breaks down carbohydrates.  (1 mark) Pepsin active  O 2 4 6  pH  (1 mark)		 (3 marks)
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0 2 4 6 pH (1 mark)	10: Using the graph below what is the optimum pH for pepsin.	
pH (1 mark)		Pepsin activ
	0   2   4   6	
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		 (1 mark)
	11: Proteases are digestive enzymes, where in the digestive sys	

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