

Biological catalysts, food tests and energy in food: practice questions

2 questions • 4 marks • mark scheme at the back

For Edexcel GCSE Combined Science 1SC0. **Higher tier** is only on the Higher paper.

Name

Total / 4

1 Which molecules are produced when enzymes break down proteins? [1 mark]

- A. ☐ Sugars
- B. ☐ Amino acids
- C. ☐ Fatty acids
- D. ☐ Glycerol

2 Enzymes are biological catalysts. (a) Explain what is meant by a biological catalyst. (2) (b) [3 marks]
Name the smaller molecules that enzymes join together to make a protein. (1)

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Mark scheme

One mark for each point unless a maximum is given. Words in brackets are not needed for the mark.

1. [1]

B B amino acids (1)

2. [3]

- (a) speeds up a reaction (1)
- without being used up / without being changed (1)
- (b) amino acids (1)