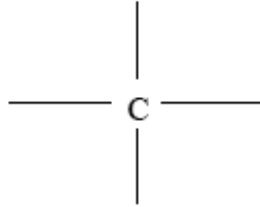


Protein

- (a) Complete the diagram showing the basic chemical structure of an amino acid. (4)



- (b) What is an essential amino acid? (2)

(2004 SQ)

1. Name one food source of each of the proteins listed below. (6)

Protein	Food Source
Albumin	
Caesinogen	
Collagen	
Actin	
Gluten	
Myosin	

(2005 HL SQ)

1. (a) List the *elements* found in protein. (4)

- (b) Explain what is meant by *primary* protein structure. (2)

(2005 OL SQ)

1. Name two methods by which protein can be denatured and give an example in each case. (6)

Method	Example

(2007 HL)

1. Name three sources of protein under each of the following headings: (6)

High Biological Value Protein (HBV)	Low Biological Value Protein (LBV)

(2007 OL)

1. In relation to protein describe the formation of a peptide bond/link. (6)

(2008 HL)

2. Complete the following statement in relation to the digestion of protein using the words listed below. (6)

enzyme pancreas casein

In the stomach the _____ rennin changes caseinogen to _____.

In the duodenum the enzyme trypsin from the _____ changes peptones to peptides.

(2008 OL)