

- In the spaces provided, explain the meanings of the following terms.

(a) enzyme

**A biological catalyst. Like any catalyst, it acts by providing an alternative reaction pathway with a lower activation energy. Enzymes are typically highly efficient and specific.**

(b) cofactor

**The non-protein part of an enzyme, such as the haem group in haemoglobin, that is required for the enzymic activity.**

(c) peptide

**A sequence of amino acids linked by peptide bonds – a biological polymer formed by linking the carboxylic acid group of one amino acid and the amine group on another.**