

DNA, Proteins and Enzymes

Describe the effect of temperature on enzyme activity (you may wish to use a labelled diagram).

Location of DNA in a cell.

Shape of a DNA molecule.

Reasons why the sequence of bases on a DNA molecule important?

Function of mRNA.

Subunits of a protein and type of bond that holds them together.

SUB-UNITS:

TYPE OF BOND:

Definition of the following terms:

SPECIFIC:

OPTIMUM:

DENATURED:

Complete the table.

SUBSTRATE	ENZYME	PRODUCT(S)
Starch		Maltose
	Pepsin	
	Catalase	Oxygen and water
Fat		

Part of the enzyme where the substrate binds.

List four properties of an enzyme.

- 1
- 2
- 3
- 4

List four potential functions of a protein.

- 1
- 2
- 3
- 4