

1 Proteins and nucleic acids – Part 2

—Answers

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Work through these after you have tried the questions yourself.

2.1 amino acids, joined by peptide bonds.

2.2 the shape decides the protein's function (as an enzyme, transporter, or structural part); a different shape would do a different job or none.

2.3 "denature" means to unfold a protein so it stops working; it can be caused by heat or by a change in pH.

2.4 DNA and RNA; they store and carry the genetic information (instructions) of a cell.

2.5 (a) A pairs with T; (b) C pairs with G.