

molecule is unwinding or unzipped. The two strands separate from each other.

• Step 2:

Each strand is made up of four types of nucleotides, adenine (A), Thymine (T), Cytosine (C) and guanine (G) and each of these strands produce a new strand using all the four types of nucleotides. In this way one DNA molecule produces two daughter DNA molecule. Each DNA molecule has one new strand and one strand of parent DNA. The two daughter DNA molecules are the exact copy of each other.

Diagram:

See diagram on Page 29
Figure 3.1.