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1. i. Initiation

ii. Elongation

iii. Termination

1. i) Topoisomerase- Relaxes the super-coiled DNA

ii) DNA helicase- Unwinds the double helix at the replication fork

iii) Primase- Provides starting point for DNA polymerase to begin synthesis of the new strand

iv) DNA polymerase- Synthesizes the new DNA strand; also proofreads and corrects some errors

v) DNA ligase- Re-joins the two DNA stands into double helix and joins Okazaki fragments of the lagging strand

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