Name;EKEH CHERECHI

No; 18/mhs07/015

Course; BCH 204

1.Highlight the steps of DNA replication;

* Initiation.
* Elongation.
* Termination.

2.Outline the functions of DNA replicating enzymes

*Enzyme Functions*

**Topoisomerase**; Relaxes the super-coiled DNA

**DNA helicase**; Unwinds the double helix at the replication fork

**Primase** ; Provides the starting point for DNA polymerase to begin synthesis of the new strand

**DNA polymerase**; Synthesizes the new DNA strand; also proofreads and corrects some errors

**DNA ligase**; Re-joins the two DNA strands into a double helix and joins Okazaki fragments of the lagging strand