

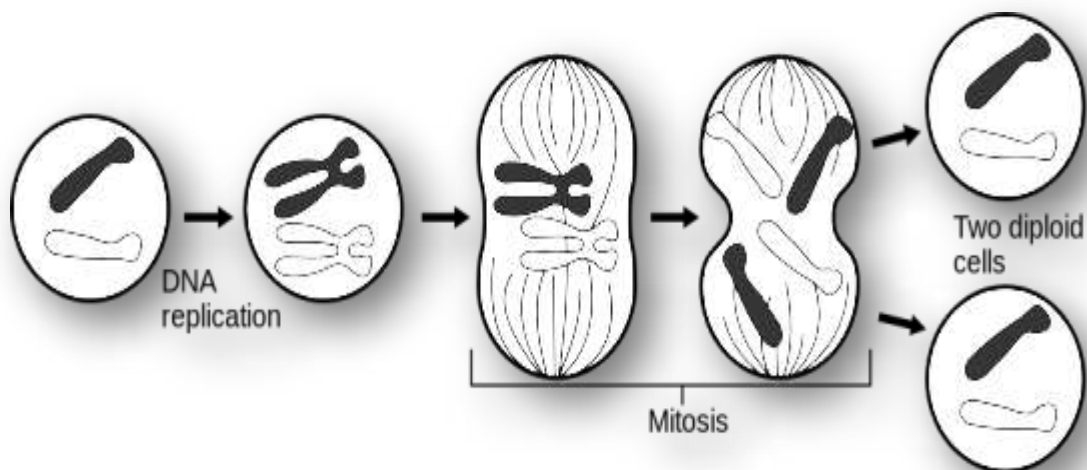
(General Studies)

CELL DIVISION-I

Human body grow and develop. In fact all living organism undergoes this process on regular basis. This is only possible because the cell in living organism keep on dividing` itself. This is one of the main reasons why healing of skin takes place. The skin undergoes a continuous process of self-repair and renewal activities. There are two kind of divisions in cellular level.

- a. Mitosis
- b. Meiosis

MITOSIS (Somatic cell division or Karyokinesis)



It is a process in which cell divide into two identical cell, it involve several steps.

- a. Prophase
- b. Prometaphase
- c. Metaphase
- d. Anaphase
- e. Telophase

Mitosis occurs in eukaryotic cells and the process varies in different organisms. During mitosis, separation take place by an actin ring in animal cells and by cell plate formation in plant cells.