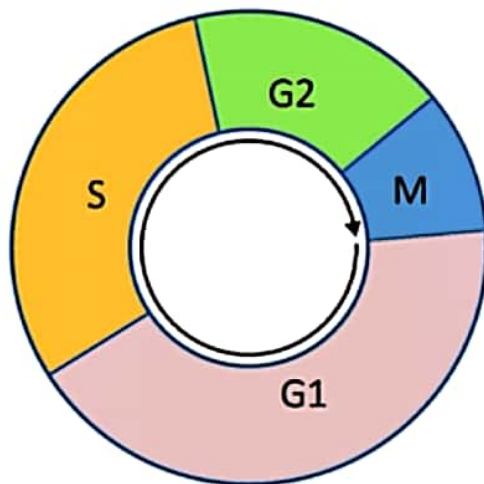


WHAT IS CELL CYCLE?



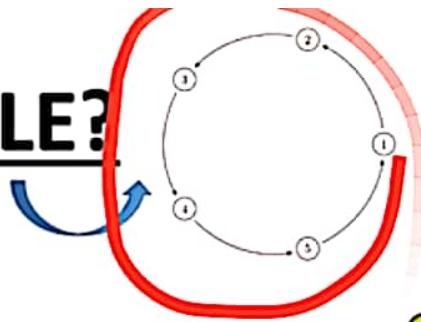
G1 - Growth

S - DNA synthesis

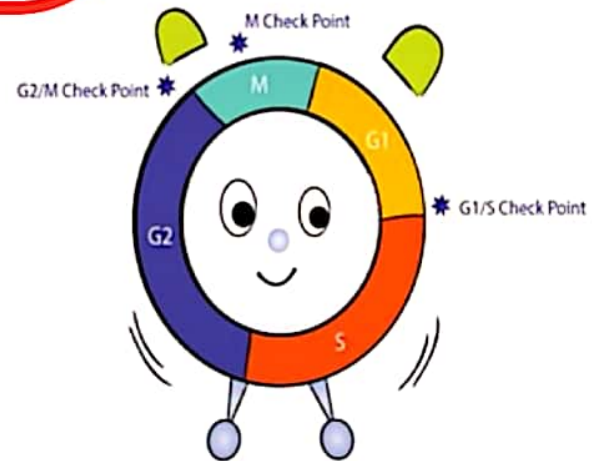
G2 - Growth and preparation for mitosis

M - Mitosis (cell division)

WHAT IS CELL CYCLE?



- IT IS THE LIFE CYCLE OF A CELL.
- IT IS THE CYCLE OF STAGES THAT CELLS PASS THROUGH, SO THAT IT CAN DIVIDE & PRODUCE NEW CELLS.
- THE ORDERED SET OF OR SEQUENCE OF EVENTS THAT OCCUR IN A CELL IN PREPARATION FOR CELL DIVISION.



WHY IT IS NEEDED?

1.FOR ORGANISMS GROWTH

2.FOR REPRODUCTION

3.FOR TISSUE REPAIR



WHAT IF THERE IS NO CELL CYCLE?

NO FORMATION OF NEW CELLS

NO WOUND HEALING

NO FORMATION OF BLOOD CELLS

NO GROWTH, REPRODUCTION, IMMUNITY

NO LIFE

DIFFERENT PHASES OF CELL CYCLE (GO PHASE)

