

Khanoor Girls' School

Biology Test 1

10G

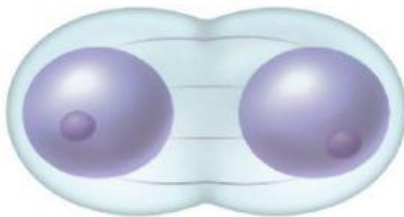
**Name:**

**Class:**

**Period:**

**Instruction: Answer all the questions**

1. Which is the first phase of mitosis?
  - a) interphase
  - b) prophase
  - c) metaphase
  
2. At the end of mitosis, the nuclear material is divided and two new cells have formed.
  - a) true
  - b) false
  
3. This cell has completed what stage of mitosis?



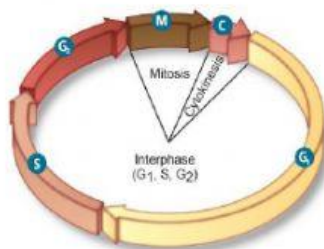
- a) Anaphase

- b) Interphase
- c) Telophase

4. What term is used to describe programmed cell death?

- a) Apoptosis
- b) Anaphase
- c) Necrosis

5. At what stage of interphase does the cell take inventory and make sure it is ready for the division of its nucleus?

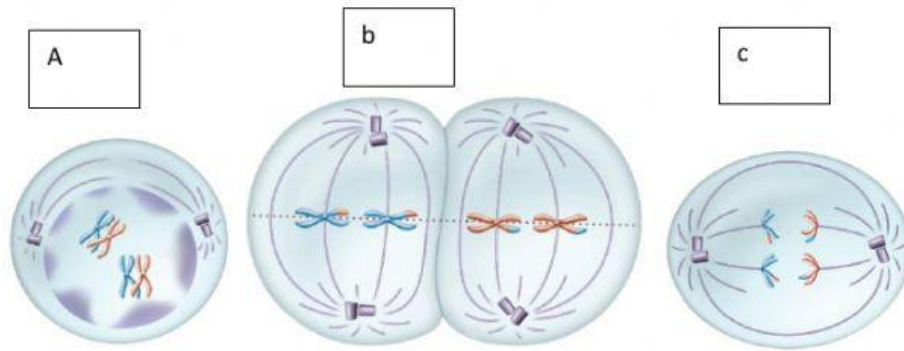


- a)  $G_1$
- b) S
- c)  $G_2$

6. Multiple changes in DNA are required to change an abnormal cell into cancer cell.

- a) True
- b) False

7. Which diagram shows anaphase?



8. In what stage of the cell cycle does the cell's replicated genetic material separate?

- a) cytokinesis
- b) interphase
- c) mitosis

9. What happens in the cell during cytokinesis?

- a) The cell copies its DNA and forms chromosomes.
- b) The cell's nucleus and nuclear material divide.
- c) The cell's cytoplasm divides.

10. During what phase do the sister chromatids line up in the middle of the cell?

- a) interphase
- b) metaphase
- c) anaphase

