Khanoor Girls' School

Biology Test 1

10G

Name:

Class:

Period:

Instruction: Answer all the questions

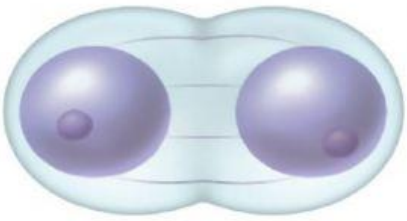
1. Which is the first phase of mitosis?

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

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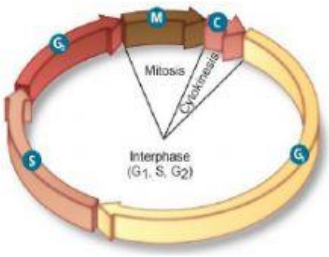
b) Interphase
c) Telophase

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?

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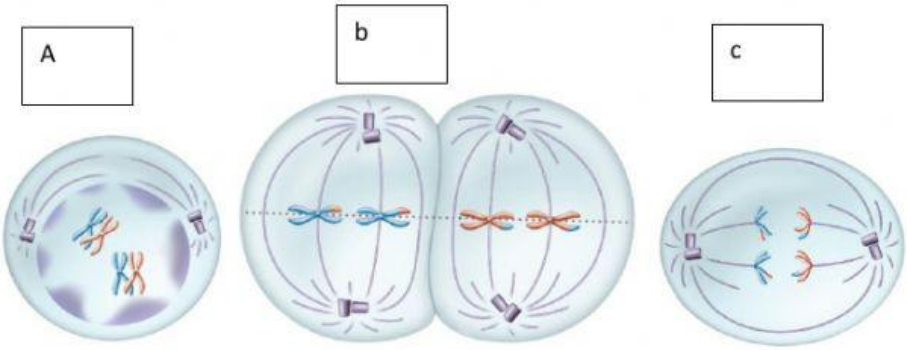

8. In what stage of the cell cycle does the cell's replicated genetic material separate?
   a) cytokinesis
   b) interphase
   c) mitosis

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

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