



## Priya's Learning Centre

# Cell Cycle & Cell Division



**Q:1: The Mitosis phase usually ends with \_\_\_\_\_.**

- a) karyokinesis
- b) cytokinesis
- c) both

**Q:2: Which of the following events characterize the anaphase stage ?**

- i) Chromatids move to opposite poles.**
  - ii) Centromeres split and chromatids separate**
  - iii) Spindle fibres attach to kinetochores of chromosomes.**
- a) only i
  - b) only iii
  - c) i and ii

**Q.3: Nucleolus, golgi complex and ER reform during \_\_\_\_\_.**

- a) Telophase
- b) Metaphase
- c) Anaphase

**Q.4: Which of the following statements is incorrect regarding Mitosis ?**

- i) Mitosis is usually restricted to diploid cells only.**
- ii) The growth of multicellular organisms is due to mitosis.**
- iii) A very significant contribution of mitosis is cell repair.**

- a) i and iii
- b) All
- c) None

**Q.5: During \_\_\_\_\_ stage, chromosomes start pairing together.**

- a) leptotene
- b) zygotene
- c) pachytene

**Q.6: \_\_\_\_\_ enzyme mediates the crossing over of two homologous chromosomes.**

- a) recombinase
- b) ligases
- c) lyases

**Q.7: Which of the following is/are the key features of Meiosis ?**

**i) Meiosis involves pairing of homologous chromosomes.**

**ii) Four haploid cells are formed at the end of Meiosis II.**

**iii) Meiosis involves two sequential cycles of nuclear and cell division.**

a) i and iii

b) ii and iii

c) i, ii and iii

**Answers:**

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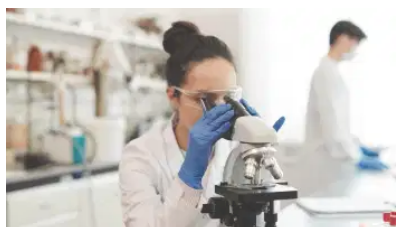
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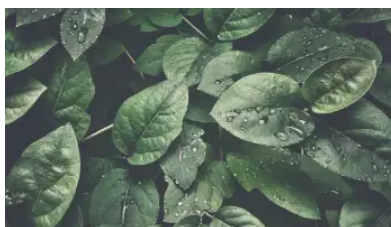
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In the midst of winter, i found there was within me an invincible summer ~

Albert Camus [View more posts](#)