

CLASS 11

BIOLOGY

REVISION NOTES

Class 11 Biology Chapter 10 Cell Cycle and Cell Division – Revision Notes

Quick revision notes for Class 11 Biology Chapter 10 (Cell Cycle and Cell Division). These Class 11 Biology Chapter 10 notes are ideal for quick revision just before exams.

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One-Line Summary

Class 11 Biology Chapter 10 – Solutions and Important Questions

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Cell Cycle

Interphase: G1 (growth), S (DNA replication), G2 (preparation).

M phase: mitosis + cytokinesis.

Mitosis

Prophase → Metaphase → Anaphase → Telophase.

Produces 2 identical diploid cells; growth/repair.

Meiosis

Meiosis I: reductional, crossing over in prophase I.

Meiosis II: equational.

Produces 4 variable haploid cells; sexual reproduction.

One-Line Summary

The cell cycle regulates growth and division through interphase and M phase, with mitosis producing identical diploid cells for growth/repair and meiosis producing genetically variable haploid gametes essential for sexual reproduction.

Class 11 Biology Chapter 10 – Solutions and Important Questions

Need full answers or more practice? See the [Class 11 Biology Chapter 10 Solutions](#) and [Class 11 Biology Chapter 10 Extra Questions](#).

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