

CLASS 11

BIOLOGY

REVISION NOTES

Class 11 Biology Chapter 3 Plant Kingdom – Revision Notes

Quick revision notes for Class 11 Biology Chapter 3 (Plant Kingdom). These Class 11 Biology Chapter 3 notes are ideal for quick revision just before exams.

Contents

Algae

Bryophytes & Pteridophytes

Gymnosperms & Angiosperms

Alternation of Generations

One-Line Summary

Class 11 Biology Chapter 3 – Solutions and Important Questions

Quick revision notes for Class 11 Biology Chapter 3 (Plant Kingdom). These Class 11 Biology Chapter 3 notes are ideal for quick revision just before exams.

Algae

Chlorophyceae (green), Phaeophyceae (brown, fucoxanthin), Rhodophyceae (red, r-phycoerythrin).

Bryophytes & Pteridophytes

Bryophytes: “amphibians of plant kingdom”, gametophyte-dominant, no vascular tissue.

Pteridophytes: first vascular plants, sporophyte-dominant.

Gymnosperms & Angiosperms

Gymnosperms: naked seeds.

Angiosperms: seeds in fruit; monocots vs dicots.

Alternation of Generations

Haploid gametophyte ↔ diploid sporophyte; sporophyte dominance increases through evolution.

One-Line Summary

The plant kingdom is classified from simple algae through bryophytes, pteridophytes, gymnosperms, to angiosperms, showing an evolutionary trend of increasing sporophyte dominance, vascular tissue development, and seed protection.

Class 11 Biology Chapter 3 – Solutions and Important Questions

Need full answers or more practice? See the [Class 11 Biology Chapter 3 Solutions](#) and [Class 11 Biology Chapter 3 Extra Questions](#).

See also: [Chapter 1](#) | [Chapter 2](#) | [Chapter 3](#)

Practice more: [Chapter 1](#) | [Chapter 2](#) | [Chapter 3](#)

Quick revision: [Chapter 1](#) | [Chapter 2](#)

© NCERTBooks.org — your one-stop source for Class 1 to 12 NCERT Books, Solutions, Extra Questions, Revision Notes, Formulas Handbooks and more. Visit ncertbooks.org for the latest chapters as they are published.