

**12th Standard
Bio-Botany
Syllabus
2024-2025**

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6. BIO-BOTANY**Month Wise Syllabus (2024-2025)**

STD XII

MONTH	UNIT	CHAPTER
June	VI Reproduction in Plants MONTHLY TEST (JUNE PORTION ONLY)	Chapter 1: Asexual and Sexual Reproduction in Plants
July	VII Genetics FIRST MID TERM TEST & MONTHLY TEST (JUNE & JULY PORTIONS)	Chapter: 2: Classical Genetics
Aug.	VII Genetics VIII Biotechnology MONTHLY TEST (AUGUST PORTION ONLY)	Chapter 3: Chromosomal Basis of Inheritance Chapter 4: Principles and Processes of Biotechnology
Sep.	VIII Biotechnology QUARTERLY EXAMINATION (JUNE TO SEPTEMBER PORTIONS)	Chapter 5: Plant Tissue Culture
Oct.	IX Plant Ecology MONTHLY TEST (OCTOBER PORTION ONLY)	Chapter 6: Principles of Ecology Chapter 7: Ecosystem
Nov.	IX Plant Ecology X Economic Botany SECOND MID TERM TEST (OCT. and NOV. PORTIONS) MONTHLY TEST (NOVEMBER PORTION)	Chapter 8: Environmental Issues Chapter 9: Plant Breeding
Dec.	X Economic Botany REVISION References English – Tamil Terminology Competitive Examination Questions HALF YEARLY EXAMINATION (ENTIRE PORTION)	Chapter 10: Economically Useful Plants and Entrepreneurial Botany
Jan. & Feb.	FIRST REVISION TEST (June to September Portions) SECOND REVISION TEST (October to December Portions) TWO FULL PORTIONS AVAILABLE	