

6. BIO-BOTANY Month wise Syllabus 2025 - 2026			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	Chapter 5: Plant Tissue Culture (JUNE TO SEPTEMBER PORTIONS)	
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		

7. BIO-ZOOLOGY Month wise Syllabus 2025 - 2026 STD.- XII

MONTH	UNIT	CONTENTS
June	I	Chapter 1: Reproduction in Organisms Chapter 2: Human Reproduction Chapter 3: Reproductive Health MONTHLY TEST (JUNE PORTION ONLY)
July	II	Chapter 4: Principles of Inheritance and Variation Chapter 5: Molecular Genetics FIRST MID TERM TEST & MONTHLY TEST (JUNE & JULY PORTIONS)
Aug.	II III	Chapter 6: Evolution Chapter 7: Human Health and Diseases Chapter 8: Microbes in Human Welfare MONTHLY TEST (AUGUST PORTION ONLY)
Sep.		QUARTERLY EXAMINATION (JUNE TO SEPTEMBER PORTIONS)
Oct.	IV V	Chapter 9: Applications of Biotechnology Chapter 10: Organisms and Populations MONTHLY TEST (OCTOBER PORTION ONLY)
Nov.	V	Chapter 11: Biodiversity and its Conservation Chapter 12: Environmental Issues SECOND MID TERM TEST (OCT. and NOV. PORTIONS) MONTHLY TEST (NOVEMBER PORTION)
Dec.		REVISION & HALF YEARLY EXAMINATION (ENTIRE PORTION)
Jan. & Feb.		FIRST REVISION TEST (June to September Portions) SECOND REVISION TEST (October to December Portions) TWO FULL PORTIONS AVAILABLE