



FORTNIGHTLY SYLLABUS PLANNING (2026-27)
CLASS XII
SUBJECT-BIOLOGY

New Session begins on 2nd March 2026				
S.no.	Duration	No. of Teaching Days	Theory	Practical/ Activity
1	1 st March – 15 th March	9	Ch. 1- Sexual Reproduction in plants	Expt – To Study pollen germination on a slide. Spot - Pollen germination on stigma through a permanent slide Spot - Flowers adapted to pollination by different agencies (wind, insect).
2	16 th March – 31 st March	11	Ch. 2 – Human Reproduction Ch. 3 – Reproductive Health	Spot – Exercise on controlled pollination - emasculation, tagging and bagging Spot - Identification of stages of gamete development i.e. T.S. testis , and T.S. ovary through permanent slides (from any mammal). Spot - T.S. of blastula through permanent slides
3	1 st April-15 th April	10	Ch. 4 – Principles of inheritance	Spot - Study prepared pedigree charts of any one of the genetic traits such as rolling of tongue, blood groups, ear lobes, widow's peak and colour blindness. Spot-Mendelian inheritance using seeds
4	16 th April- 30 th April	11	Ch. 4 – Principles of inheritance (CONTD)	Expt - To prepare a temporary slide of mitosis from onion root tips
Unit Test: 23rd April – 30th April 26				
5	1 st May- 15 th May	10	Ch. 5 – Molecular basis of inheritance	
6	16 th May-31 st May	5	Ch. 5 – Molecular basis of inheritance(CONTD)	
Summer Vacations:25th May – 30th June 26				
7	1 st July- 15 th July	11	Ch-6 Evolution	Spot-Models/specimens of symbiotic association, Spot-flash cards showing examples of homologous and analogous organs.
8	16 th July-31 st July	12	Ch.9- Biotechnology: Principles Ch. 10 – Biotechnology and its application	Isolate DNA from available plant material.
Periodic Test-1: 31st July – 7th August 26				
9	1 st Aug- 15 th Aug	10	Ch.7 – Human health and diseases	Spot- Disease causing microbes
10	16 th Aug- 31 st Aug	9	Ch.8- Microbes in Human Welfare	
Syllabus Completion for Mid Term Examinations: 31st Aug 2026				
Practicals for Mid Term Examinations: 7th Sept – 11th Sept 26				
11	1 st Sept-15 th Sept	8	REVISION	
Mid Term Examinations: 14th Sept- 25th Sept 26				
12	16 th Sept – 30 th Sept	3	Ch.11 – Organisms and population	
13	1 st Oct- 15 th Oct	10	Ch.11 – Organisms and population	Specimens of animals and plants adapted to land and water
Autumn Break- 17th Oct – 20th Oct 26				

14	16 th Oct-31 st Oct	8	Ch.12- Ecosystem	
15	1 st Nov -15 th Nov	7	Ch.13 – Biodiversity and conservation	Expt - . Study of plant population density and population frequency by quadrat method
Syllabus Completion: 6th Nov 26				
Diwali Break : 7th Nov – 11th Nov 26				
Pre Board 1 Examination: 18th Nov – 30th Nov 26				
Practicals for Pre Board 2: 1st Dec – 4th Dec 26				
Pre Board 2 Examination: 11th Dec – 23rd Dec 26				
Winter Break- 28th Dec - 8th Jan 27				

SYLLABUS FOR ASSESSMENT

Exam	Test Date	Syllabus
UNIT TEST	April 24,2026	Unit VI Reproduction
PERIODIC TEST 1	Aug.7,2026	Unit VI Reproduction Unit VII Genetics and Evolution
MID TERM EXAMINATION	Sept.16,2026	Unit VI Reproduction Unit VII Genetics and Evolution Unit IX Biotechnology
PRE BOARD 1 EXAMINATION	Nov.27,2026	Full Syllabus Unit VI -Reproduction Unit VII-Genetics and Evolution Unit VIII-Biology in Human Welfare Unit IX-Biotechnology Unit X-Ecology
PRE BOARD 2 EXAMINATION	Dec.18,2026	Full Syllabus Unit VI -Reproduction Unit VII-Genetics and Evolution Unit VIII-Biology in Human Welfare Unit IX-Biotechnology Unit X-Ecology