



# FORTNIGHTLY SYLLABUS PLANNING (2025-26)

## CLASS XI

### SUBJECT-BIOLOGY

New Session begins on 15 <sup>th</sup> April 2025				
S.No.	Duration	No. of Teaching Days	Theory	Practical/ Activity
1	15 <sup>th</sup> April- 30 <sup>th</sup> April	11	Ch-1 Living World Ch-2 The Biological Classification	Spot- Plant specimens
2	1 <sup>st</sup> May- 15 <sup>th</sup> May	10	Ch-3 Plant Kingdom Ch-4 Animal Kingdom	Spot-Animal specimens
3	16 <sup>th</sup> May-31 <sup>st</sup> May	6	Ch-5 Morphology of Flowering Plants	
Summer Vacations:26 <sup>th</sup> May – 30 <sup>th</sup> June 25				
4	1 <sup>st</sup> July- 15 <sup>th</sup> July	11	Ch-5 Morphology of Flowering Plants	Expt 1 - Study and describe three locally available common flowering plants, one from each of the families Solanaceae, Fabaceae and Liliaceae including dissection and display of floral whorls and anther and ovary to show Spot- different types of inflorescence
Periodic Test-1: 11 <sup>th</sup> July – 23 <sup>rd</sup> July 25				
5	16 <sup>th</sup> July-31 <sup>st</sup> July	12	Ch-6 Anatomy of Flowering Plants Ch-7 Structural organisation in Animals	Expt - Preparation and study of T.S. of dicot and monocot stems (primary). Expt - Preparation and study of T.S. of dicot and monocot roots
6	1 <sup>st</sup> Aug- 15 <sup>th</sup> Aug	10	Ch-8 Cell - The Unit of Life Ch-9 Bio molecules	Expt - Comparative study of the rates of transpiration in the upper and lower surface of leaves Expt-Study of distribution of stomata in the upper and lower surface of leaves.
7	16 <sup>th</sup> Aug- 31 <sup>st</sup> Aug	10	Ch-10 Cell Cycle and Cell Division	Spot-Study of mitosis in onion root tips cells and animals cells (grasshopper) from permanent slides
Syllabus Completion for Mid Term Examinations: 29 <sup>th</sup> Aug 2025				
Practicals for Mid Term Examinations: 8 <sup>th</sup> Sept – 12 <sup>th</sup> Sept 25				
8	1 <sup>st</sup> Sept-15 <sup>th</sup> Sept	9	REVISION	
Mid Term Examination - 15 <sup>th</sup> Sept- 26 <sup>th</sup> Sept 25				
Autumn Break- 30 <sup>th</sup> Sept – 2 <sup>nd</sup> Oct 25				
9	1 <sup>st</sup> Oct- 15 <sup>th</sup> Oct	8	Ch-13 Photosynthesis in Higher Plants	Expt 8-Separation of plant pigments through paper chromatography
10	16 <sup>th</sup> Oct-31 <sup>st</sup> Oct	8	Ch-14Respiration in Plants Ch-15 Plant Growth and Development	Expt 9- To study the rate of respiration in flower buds/leaf Expt - Study of osmosis by potato osmometer. Expt - Study of plasmolysis in epidermal peels (e.g. Rhoeco leaves)
Diwali Break : 20 <sup>th</sup> Oct - 23 <sup>rd</sup> Oct 25				
11	1 <sup>st</sup> Nov -15 <sup>th</sup> Nov	9	Ch 17- Breathing and Exchange of gases	
12	16 <sup>th</sup> Nov-30 <sup>th</sup> Nov	10	Ch-18 Body Fluids and Circulation	
Annual Day: 29 <sup>th</sup> Nov 25				
13	1 <sup>st</sup> Dec- 15 <sup>th</sup> Dec	11	Ch-19 Excretory Products and their Elimination Ch-20 Locomotion and Movement	Expt.- Presence of urea,sugar,albumin and bile salts in urine sample Spot-study of Human Skeleton/Bones and types of joints
Periodic Test-2: 8 <sup>th</sup> Dec – 19 <sup>th</sup> Dec 25				
14	16 <sup>th</sup> Dec-31 <sup>st</sup> Dec	8	Ch-21 Neural Control and Coordination	
Winter Break- 29 <sup>th</sup> Dec - 9 <sup>th</sup> Jan 26				
15	1 <sup>st</sup> Jan -15 <sup>th</sup> Jan	4	Ch-22 Chemical Coordination and Integration	
16	15 <sup>th</sup> Jan- 31 <sup>st</sup> Jan	11	Ch-22 Chemical Coordination and Integration	
Syllabus Completion for Annual Examination : 30 <sup>th</sup> Jan 26				
17	1 <sup>st</sup> Feb -6 <sup>th</sup> Feb	5	REVISION	
Practicals for Annual Examination: 2 <sup>nd</sup> Feb – 6 <sup>th</sup> Feb 26				
Annual Exam begins: 9 <sup>th</sup> Feb 26				

**TOTAL TEACHING DAYS: 153**

### SYLLABUS FOR ASSESSMENT

Exam	Test Date	Syllabus
PERIODIC TEST 1	July 23,2025	UNIT I
MID TERM EXAMINATION	Sept.17,2025	UNIT I (Ch-1 to Ch-3) UNIT-II (Ch-5 to Ch-7) Ch-8 Cell - The Unit of Life Ch-9 Bio molecules Ch-10 Cell Cycle and Cell Division
PERIODIC TEST 2	Dec.17,2025	UNIT –III Ch-13 Photosynthesis in Higher Plants Ch-14Respiration in Plants Ch-15 Plant Growth and Development
ANNUAL EXAMINATION		Complete syllabus UNIT I-V