

SYLLABUS XI
SUBJECT- BIOLOGY

DURATION	SYLLABUS COVERED	SYLLABUS TESTED	SUBJECT ENRICHMENT / PRACTICAL
(APRIL/JUNE)	Chapter 1 (The Living World) Chapter 2 (Biological Classification) Chapter 3 (Plant Kingdom)	Chapter 1 (The Living World) Chapter 2 (Biological Classification) Chapter 3 (Plant Kingdom)	<ul style="list-style-type: none"> ●To test the presence of carbohydrates, proteins and fats in given food sample. ●To study plant and animal tissues through permanent slides.
PT I(JULY- AUG)	Chapter 5 (Morphology of flowering plants) Chapter 6 (Anatomy of flowering plants) Chapter 8 (Cell: The unit of Life) Chapter 9 (Biomolecules)	Chapter 1 (The Living World) Chapter 2 (Biological Classification) Chapter 3 (Plant Kingdom) Chapter 8 (Cell: The unit of Life)	<ul style="list-style-type: none"> ●To study parts of the microscope, its proper use and maintenance. ●To study and describe three common flowering plants. ●To prepare a temporary mount of monocot and dicot stem and observe it under the microscope. ●To study osmosis by potato osmometer. ●To study modifications in roots, stems and leaves. ●To study inflorescence in given flower.
HALF YEARLY (AUG-SEP)	Chapter 4 (Animal Kingdom) Chapter 7 (Structural organization of animals) Chapter 10 (Cell cycle and Division) Chapter 11 (Transportation in Plants)	Chapter 3 (Plant Kingdom) Chapter 4 (Animal Kingdom) Chapter 5 (Morphology of flowering plants) Chapter 6 (Anatomy of flowering plants) Chapter 7 (Structural organization of animals) Chapter 8 (Cell: Unit of Life) Chapter 9 (Biomolecules) Chapter 10 (Cell cycle and Division) Chapter 11 (Transportation in Plants)	<ul style="list-style-type: none"> ●To test the presence of urea in urine. ●To test the presence of sugar in urine. ●To test the presence of albumin in urine. ●To test the presence of bile salts in urine. ●To study mitosis in plant and animal cells. ● To identify, classify and comment on the features of the given plant and animal specimens.
PT –II (OCT-NOV)	Chapter 12 (Mineral Nutrition) Chapter 13 (Photosynthesis in Higher Plants) Chapter 14 (Respiration in Plants) Chapter 15 (Plant Growth and Development)	Chapter 12 (Mineral Nutrition) Chapter 13 (Photosynthesis in Higher Plants) Chapter 14 (Respiration in Plants)	<ul style="list-style-type: none"> ●To study plasmolysis in peels in isotonic, hypertonic and hypotonic solution. ●To separate chlorophyll pigments by paper chromatography.

<p>TERM (NOV-DEC)</p>	<p>Chapter 16- (Digestion and Absorption) Chapter 17- (Breathing and Exchange of gases) Chapter 18- (Body fluids and Circulation) Chapter 19- (Excretory Products and their Elimination) Chapter 20- (Locomotion and Movement)</p>	<p>Chapter 1 (The Living World) Chapter 2 (Biological Classification) Chapter 3 (Plant Kingdom) Chapter 4 (Animal Kingdom) Chapter 5 (Morphology of flowering plants) Chapter 6 (Anatomy of flowering plants) Chapter 7 (Structural organization of animals) Chapter 8 (Cell: Unit of Life) Chapter 9 (Biomolecules) Chapter 10 (Cell cycle and Division) Chapter 11 (Transportation in Plants) Chapter 12 (Mineral Nutrition) Chapter 13 (Photosynthesis in Higher Plants) Chapter 14 (Respiration in Plants) Chapter 15 (Plant Growth and Development) Chapter 16- (Digestion and Absorption) Chapter 17- (Breathing and Exchange of gases) Chapter 18- (Body fluids and Circulation)</p>	<ul style="list-style-type: none"> • To study the human skeleton and different types of joints. • To study external morphology of cockroach through models.
<p>ANNUAL (JAN-FEB)</p>	<p>Chapter 21- (Neural Control and Coordination) Chapter 22- (Chemical Coordination and Integration)</p>	<p>WHOLE SYLLABUS</p>	