

SUBJECT: BIOLOGY			SYLLABUS FOR THE ACADEMIC YEAR 2024-2025		
GRADE: 9					
Month	Date	No. of days	Chapter Name	Sub Topics	Class tests
April	15-19	5	IMPROVEMENT IN FOOD RESOURCES	Improvement in Crop Yields, Crop Variety Improvement	CT-1 (May 13-May 21)
	22-26	5	IMPROVEMENT IN FOOD RESOURCES	Crop Production Management- Nutrient Management, Irrigation, Cropping Patterns	
	29-30	2	IMPROVEMENT IN FOOD RESOURCES	Crop Protection Management	
May	1-3	3	IMPROVEMENT IN FOOD RESOURCES	Storage of Grains,	CT-1
	6-10	5	IMPROVEMENT IN FOOD RESOURCES	Animal Husbandry-Cattle Farming, Poultry Farming, Egg and Broiler Production, Fish Production, Bee- Keeping, Exercises	
	13- 17	5	THE FUNDAMENTAL UNIT OF LIFE	Introduction to Cell, Structural Organisation of a Cell	
June	20-24	5	THE FUNDAMENTAL UNIT OF LIFE	Plasma Membrane	Continuous Evaluation
	27-31	5	THE FUNDAMENTAL UNIT OF LIFE	Transportation Across the Plasma Membrane - Diffusion and Osmosis	
	3-7	5	THE FUNDAMENTAL UNIT OF LIFE	Tonicity of Solutions and Changes in the Cell - Nucleus, Cytoplasm	
June	10-14	5	THE FUNDAMENTAL UNIT OF LIFE	Introduction to Cell Organelles - Endoplasmic Reticulum	
	19- 21	3	THE FUNDAMENTAL UNIT OF LIFE	Golgi Apparatus, Lysosomes	
24-28	5	THE FUNDAMENTAL UNIT OF LIFE	Mitochondria, Plastids		
August	26-30	5	THE FUNDAMENTAL UNIT OF LIFE	Vacuoles, Cell Division	
September	2- 6	5	THE FUNDAMENTAL UNIT OF LIFE	<b>Revision</b>	
	9-13	5			
	16- 19	4			
	20- 30	7	<b>First Semester Examination</b>		
October	1- 9	5			CT-2 (Oct 30- Nov 7)
	10-11	2	NATURAL RESOURCES (Seminar)	Biogeochemical Cycles - The Water Cycle	
	14-18	5	NATURAL RESOURCES (Seminar)	The Nitrogen Cycle, The Carbon Cycle	
	21 -22	2	NATURAL RESOURCES (Seminar)	Green House Effect, The Oxygen Cycle,	
	28-31	4	NATURAL RESOURCES (Seminar)	Ozone Layer, Exercises	
November	1	1	TISSUES	Introduction to Tissues	T-3 (Jan 16- Jan 24)
	4-8	5	TISSUES	Plant Tissues-Meristematic and Permanent Tissue	
	11-15	3	TISSUES	Simple Permanent Tissues - Parenchyma, Collenchyma, sclerenchyma	
	18- 22	5	TISSUES	Simple Permanent Tissues - Parenchyma, Collenchyma, sclerenchyma, The Epidermis	
	25-29	4	TISSUES	Complex Permanent Tissues - Xylem, Phloem	
December	4-6	3	TISSUES	Introduction to Animal Tissue, Epithelial Tissue	T-3
	9-13	3	TISSUES	Epithelial Tissue	



		PT	Term Exams
Feb 3 - Feb 12)	PT-02( Nov 18-Nov 27)	PT-01 ( June 13 - June 26)	First Semester Examination (September 20 - October 9)
Final Examination( March 3- March 17 )			

	<i>PT-03 (Fe)</i>
<i>Annaa</i>	