



RUBY PARK PUBLIC SCHOOL

SYLLABUS FOR THE ACADEMIC SESSION 2022-23

Subject - Biology

CLASS - X

Month	Unit	Chapter	Sub-Topic	Practical
April	1	Life Process	What are life processes? Autotrophic nutrition Heterotrophic nutrition	Preparing a temporary mount of a leaf peel to show stomata.
May	1	Life process	Respiration Transportation	
Periodic Test 1				
June	1	Life process	Transportation Excretion	To show experimentally that CO ₂ is given out during respiration (animals and plants)
July	2	Control and Coordination	Animal-Nervous System Voluntary, Involuntary and Reflex action Tropic movement in plants	
August	2	Control and Coordination	Introduction of Plant hormones Chemical coordination and function of different hormones.	Reproduction : Budding in Yeast and Binary fission in <i>Amoeba</i> sp.
	3	How do organism reproduce?	Do organisms create exact copies of themselves? Modes of reproduction used by single organisms	
Periodic Test 2				
September	3	How do organism	Sexual reproduction in Plants	To identify the different parts of an embryo of a dicot seed (gram)

		reproduce?	Sexual reproduction in Humans
October	4	Heredity and Evolution	Accumulation of variation during reproduction Heredity
November	4	Heredity and Evolution	Heredity Mendel's contribuutin
Periodic Test 3			
December	5	Our Environment	What happens when we add waste to environment? Ecosystem-What are it's components? How do our activities affect the environment?
January	Pre-Board Examination		

