

BIOLOGY CLASS X (CRASH COURSE ICSE)

SL.NO.	CHAPTERS	TIME PERIOD
1	<u>Basic Biology</u> <ul style="list-style-type: none">• Cell Cycle and Cell Division.• Structure of chromosomes.• Genetics: Mendel's laws of inheritance and sex-linked inheritance of diseases.	AS PER REQUIREMENT TO COMPLETE IMPORTANT TOPICS
2	<u>Plant Physiology</u> <ul style="list-style-type: none">• Absorption by roots, imbibition, diffusion and osmosis; osmotic pressure, root pressure, etc.• Transpiration - process and significance. Ganong's potometer and its limitations.• Photosynthesis.• Chemical coordination in Plants	
3	<u>Human Anatomy and Physiology</u> <ul style="list-style-type: none">• Circulatory System.• Excretory System.• Nervous system• Endocrine System: General study of the following glands: Adrenal, Pancreas, Thyroid and Pituitary.• The Reproductive System.	
4	<u>Population</u> <ul style="list-style-type: none">• Population explosion in India; need for adopting control measures - population control.	
5	<u>Pollution</u> <ul style="list-style-type: none">• Types and sources of pollution; major pollutants.• Biodegradable and Non-biodegradable wastes• Effects of pollution on climate, environment, human health and other organisms; control measures.	