

INDIAN SCHOOL MUSCAT

YEAR PLAN 2022-23

CLASS XI BIOLOGY

MONTH	UNIT	TOPIC	
		THEORY	PRACTICAL
MAY	V HUMAN PHYSIOLOGY	Chapter-17: Breathing and Exchange of Gases	INTRODUCTION
JUNE	V HUMAN PHYSIOLOGY	Chapter-18: Body Fluids and Circulation Chapter-19: Excretory Products and their Elimination	Test for the presence of sugar, starch, proteins and fats in suitable plant and animal materials. Test for presence of urea/albumin/sugar/bile salts in urine
AUGUST	V HUMAN PHYSIOLOGY III CELL STRUCTURE AND FUNCTION	Chapter-20: Locomotion and Movement Chapter-21: Neural Control and Coordination Chapter-22: Chemical Coordination and Integration Chapter-8: Cell-The Unit of Life	Separation of plant pigments through paper chromatography Study of distribution of stomata on the upper and lower surfaces of leaves. Study of plasmolysis in epidermal peels
SEPTEMBER	III CELL STRUCTURE AND FUNCTION I DIVERSITY OF LIVING ORGANISMS	Chapter-10: Cell Cycle and Cell Division Chapter-9: Biomolecules Chapter-1: The Living World Chapter-2: Biological Classification	Preparation and study of T.S. of dicot and monocot roots and stems (primary) Study of osmosis by potato osmometer
OCTOBER	I DIVERSITY OF LIVING ORGANISMS	Chapter-3: Plant Kingdom Chapter-4: Animal Kingdom	
NOVEMBER	IV PLANT PHYSIOLOGY	Chapter-13: Photosynthesis in Higher Plants	
DECEMBER	IV PLANT PHYSIOLOGY	Chapter-14: Respiration in Plants Chapter-15: Plant - Growth and Development	
JANUARY	II STRUCTURAL ORGANISATION IN ANIMALS AND PLANTS	Chapter-5: Morphology of Flowering Plants Chapter-6: Anatomy of Flowering Plants Chapter-7: Structural Organisation in Animals	study and of common flowering plants
FEBRUARY		REVISION	