



DELHI PUBLIC SCHOOL, PAKUR

Affiliated to C.B.S.E., New Delhi, Up to **10 +2 Level**

(Affiliation Number-3430354)

(SYLLABUS BI-FURCATION)

Class-XI

	SUB	EXAM.	FULL SYLLABUS
1.	BIOLOGY	UT-1	(UNIT-1) DIVERSITY OF LIVING WORLD <i>Ch-1 : The Living World</i> <i>Ch-2 : Biological classification</i> <i>Ch-3 : Plant kingdom</i> <i>Ch-4 : Animal kingdom</i> (UNIT-2) STRUCTURAL ORGANIZATION IN FLOWERING PLANTS AND ANIMALS <i>Ch-5 : Morphology of flowering plants</i> <i>Ch-6 : Anatomy of flowering plants</i> <i>Ch-7 : Structural organisation in animals</i>
		HYL	<i>(UNIT-1) DIVERSITY OF LIVING WORLD</i> <i>(UNIT-2) STRUCTURAL ORGANIZATION IN FLOWERING PLANTS AND ANIMALS</i> <i>(UNIT-3) CELL STRUCTURE AND FUNCTION</i> <i>Ch-8 : cell-The unit of life</i> <i>Ch- 9 : Biomolecules</i> <i>Ch-10 : Cell cycle and cell division</i>
		UT-2	(UNIT-4) PLANT PHYSIOLOGY <i>Ch-13 : Photosynthesis in higher plants</i> <i>Ch-14 : Respiration in plants</i> <i>Ch-15 : Plant-Growth and development</i>
		ANNUAL	UNIT- 1 + 2 + 3 + 4 + 5 <i>(UNIT-5) HUMAN PHYSIOLOGY</i>

		<p><i>Ch-17 : Breathing and exchange of gases</i> <i>Ch-18 : Body fluids and circulation</i> <i>Ch-19 : Excretory products and their elimination</i> <i>Ch-20 : Locomotion and movement</i> <i>Ch-21 : Chemical coordination and integration</i></p>
<p>PRACTICAL <i>EXP 1 : study and describe commonly available plants</i> <i>EXP 2 : preparation and study of T.S. of dicot and monocot root and stem</i> <i>EXP 3 : study of osmosis through potato-osmometer</i> <i>EXP 4 : Test for presence of sugar, starch, proteins and fats in plant and animal materials</i> <i>EXP 5 : Separation of plant pigments through paper Chromatography</i> <i>EXP 6 : study of Plasmolysis in epidermal peels</i> <i>EXP 7 : study of distribution of stomata on the upper and lower surface of leaves</i> <i>EXP 8 : comparative study of rate of transpiration in the upper and lower surface of leaves</i> <i>EXP 9 : study of the rate of respiration in flower buds/leaves tissue and germinating seeds</i></p>		<p><i>Spotting 1 : parts of compound microscope</i> <i>Spotting 2 : Identification with reason- Bacteria, oscillatoria, spirogyra, Rhizopus, yeast, liverwort, moss, Fern.</i> <i>Spotting 3 : Identification-Amoeba, Hydra, Liver fluke, Ascaris, Earthworm, Starfish, rohu, shark</i> <i>Spotting 4 : Mitosis in onion root tip from permanent slides</i> <i>Spotting 5 : Different types of inflorescence</i></p>