

CLASS XI
BIOLOGY-044
SPLIT-UP SYLLABUS 2025-2026

| EXAM | TOPIC/CHAPTER | Experiments/Activity/Project | WEIGHTAGE |
|---|---|--|-----------|
| PT-I APRIL To JUNE | Ch-1: The Living World Ch-2: Biological Classification Ch-3: Plant Kingdom | 1. Debate: Viruses are living organisms 2. Chartwork: Alteration of life cycles. | 11 |
| HALF – YEARLY JULY To SEPTEMBER | Ch-4: Animal kingdom Ch-5: Morphology of Flowering Plants Ch-6: Anatomy of Flowering Plants Ch-7: Structural Organization in Animals Ch-8: Cell: The Unit of Life Ch-17: Breathing and Exchange of Gases Ch-18: Body fluids and Circulation | 3. Practical: Spotting-To observe and identify different species of various organisms. 4. Comparative Investigation: Measure and compare breathing rates under different conditions. 5. Field Study: Structural modifications of roots, stems and stipules 6. Spotting: Experimental observation of plant tissues 7. Creative Work: Diagrammatic representation of a cell labelling the cell organelles and their functions. | 28 |
| PT-II OCTOBER To DECEMBER | Ch-9: Biomolecules Ch-10: Cell Cycle and Cell Division Ch-11: Photosynthesis in Higher Plants Ch-19: Excretory products and their elimination Ch-20: Locomotion and Movement Ch-21: Neural Control and Co-ordination | 8. Practical: Urine test for presence of urea in urine. 9. Model Making; Create a model of Human skeletal system. 10. Experimental Study: Study of pigments present in plants through paper chromatography. 11. Chart making: Flowchart showing the different stages of cell division. 12. Investigatory Project: Study of the release of oxygen in photosynthesis. | 23 |
| YEARLY JANUARY To MARCH | REVISION | 13. Chart making: Flowchart showing respiration pathway 14. Visual Representation Activity: To draw a labelled sigmoid growth curve with the different phases and their explanations. | 8 |
| | TOTAL MARKS | | 70 |