



St. Vivekanand Lotus Valley Public School

Session 2025-26

Syllabus – Final Term Examination

Subject	Class-XI Science
English	<p>Section-A Reading – Comprehension Passages Section-B (Writing & Grammar) Writing- Notice Writing, Article Writing, Report Writing, Letter to Editor, Invitation (Formal and Informal) Section-C (Literature) Hornbill(Prose) The Portrait of A Lady We're not afraid to Die Discovering Tut: The Saga Continues The Silk Road Poetry: A Photograph The Laburnum Top The Voice Of The Rain Childhood Father to Son Snapshots: The Summer Of Beautiful White Horse The Address Mother's Day The Tale of Melon City</p>
Maths	<p>Ch-1 Sets Ch-2 Relation and Functions Ch- 3 Trigonometric Functions Ch-4 Complex number Ch-5 Linear inequality Ch-6 Permutation and Combination Ch-7 Binomial Theorem Ch-8 Sequence and Series Ch-9 Straight Lines Ch-10 Conic Section(Part A & Part B)</p>

	Ch-11 Three Dimensional Geometry Ch- 12 Limit and Derivatives Ch – 13 Statistics Ch-14 Probability
Biology	Chapter-2: Biological Classification Chapter-3: Plant Kingdom Chapter-4: Animal Kingdom Chapter-5: Morphology of flowering plants Chapter-7: Structural Organisation in Animals Chapter-8: Cell- The Unit of Life Chapter-9: Biomolecules Chapter-10: Cell Cycle and Cell Division Chapter-11: Photosynthesis in Higher Plants Chapter-12: Respiration in Plants Chapter-14: Breathing and Exchange of Gases Chapter-15: Body Fluids and Circulation Chapter-16: Excretory Products and their Elimination Chapter-18: Neural Control and Coordination Chapter-19: Chemical Coordination and Integration
Chemistry	Chapter 1: Some Basic Concepts of Chemistry Chapter 2: Structure of Atom Chapter 3: Classification of Elements and Periodicity in Properties Chapter 4: Chemical Bonding and Molecular Structure Chapter 6: Equilibrium Chapter 7: Redox Reactions Chapter 8: Organic Chemistry – Some Basic Principles and Techniques Chapter 9: Hydrocarbons
Physics	Chapter 1: units and dimensions Chapter 3: motion in a plane Chapter 5: Work power and energy Chapter 6: Rotational motion Chapter 7: Gravitation Chapter 8: properties of solids Chapter 9: properties of fluids Chapter 10: Thermal properties of matter Chapter 11: Thermodynamics Chapter 12: kinetic theory of gas Chapter 13: Oscillations Chapter 14: waves

Music	<ul style="list-style-type: none"> * संक्षिप्त टिप्पणी :- संगीत, नाद श्रुति, स्वर, सप्तक, थाट, जाति, लय और ताल * मार्गी - देशी संगीत, राग * ध्रुपद, खयाल, तराना * ग्रंथ परिचय - नाट्य शास्त्र * जीवन परिचय - मियां तानसेन, उस्ताद बड़े गुलाम अली खान * कहरवा ताल, तीन ताल * तानपुरे का विस्तृत वर्णन * राग परिचय - राग भीमपलासी , राग भैरवी * दिए गए स्वर समूह से राग पहचान कर उसका स्वर विस्तार करना।
Physical Education	<p>Ch1-Changing trends and career in Physical Education</p> <p>Ch2- Olympism Value Education</p> <p>Ch3- Yoga</p> <p>Ch4- Physical Education & Sports for C.W.S.N</p> <p>Ch5- Physical Fitness, Wellness and Lifestyle</p> <p>Ch6- Test and Measurement</p> <p>Ch7- Fundamentals of Anatomy and Physiology in Sports</p> <p>Ch8- Fundamentals of kinesiology and Biomechanics in sports</p>
A.I	<p>Employability Skills</p> <p>Unit-1 Communication Skills- III</p> <p>Unit-2 Self-Management Skills-III</p> <p>Unit 3 : ICT Skills-III</p> <p>Unit 4 : Entrepreneurial Skills-III</p> <p>Unit 5 : Green Skills-III</p> <p>Subject Specific Skills</p> <p>Unit-1 : Introduction: Artificial Intelligence for Everyone</p> <p>Unit-2 : Unlocking your Future in AI</p> <p>Unit -3 : Python Programming</p> <p>Unit -4 : Introduction to Capstone Project</p> <p>Unit-5 : Data Literacy- Data Collection to Data Analysis</p> <p>Unit-6: Machine learning Algorithms</p> <p>Unit-7: Leveraging Linguistics and Computer Science</p> <p>Unit-8 :AI Ethics and Values</p>