



St. Vivekanand Lotus Valley Public School

Session 2024-25

Syllabus – Final Term Examination

Subject	Class-XI Science
English	Section-A Reading – Comprehension Passages, Note Making Section-B (Writing & Grammar) Writing- Advertisement, Poster, Debate, Speech Grammar- Gap filling, Transformation of Sentences Section-C (Literature) Hornbill Ch1- The Portrait of A Lady Ch2- We're not afraid to Die Ch3-Discovering Tut: The Saga Continues Ch7- The Adventure Ch8- The Silk Road Poem: Ch1- A Photograph Ch2- The Laburnum Top Ch3- The Voice Of The Rain Ch4- Childhood Ch5- Father to Son Snapshot Ch1- The Summer Of Beautiful White Horse Ch2- The Address Ch3- Mother's Day Ch7- Birth Ch8- The Tale of Melon City
Maths	Ch-1 Sets Ch-2 Relation and Functions Ch- 3 Trigonometric Functions Ch-4 Complex number and quadratic equation 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)

	Ch-11 Three Dimensional Geometry Ch- 12 limit and derivatives Ch-14 Probability
Biology	Chapter-1: The Living World Chapter-2: Biological Classification Chapter-3: Plant Kingdom Chapter-4: Animal Kingdom Chapter-5: Morphology of flowering plants Chapter-8: Cell- The Unit of Life Chapter-9: Biomolecules Chapter-10: Cell Cycle and Cell Division Chapter-13: Photosynthesis in Higher Plants Chapter-14: Respiration in Plants Chapter-15: Plant - Growth and Development Chapter-17: Breathing and Exchange of Gases Chapter-18: Body Fluids and Circulation Chapter-19: Excretory Products and their Elimination Chapter-21: Neural Control and Coordination Chapter-22: Chemical Coordination and Integration
Chemistry	Ch-1 Some basic concept of chemistry Ch-2 Structure of atom Ch-3 chemical classification and periodicity Ch-4 Chemical bonding Ch-5 Thermodynamics Ch-6 Redox Reactions Ch-7 Some basic concept of organic chemistry Ch-8 Hydrocarbons
Physics	Ch-2 Units and measurement Ch-3 Motion in straight line Ch-4 Motion in plane Ch-5 Laws of motion Ch-6 work,energy and power Ch-7 System of particles and rotational motion Ch-8 Gravitation Ch-9 Mech. Prop. Of solids Ch-10 Mech. Prop. Of fluids Ch-11 Thermal properties of matter Ch-12 Thermodynamics Ch-13 Kinetic theory Ch-14 Oscillations Ch-15 Waves
Music	संक्षिप्त टिप्पणी :- संगीत, नाद श्रुति, स्वर, सप्तक, थाट, जाति

	अलंकार, कण, खटका * मार्गी - देसी संगीत, राग * ध्रुपद, ख्याल, तराना * ग्रंथ परिचय - नाट्य शास्त्र * जीवन परिचय - फैयाज़ खान, उस्ताद बड़े गुलाम अली खान * कहरवा ताल, झप ताल * तानपुरे का विस्तृत वर्णन * राग परिचय - राग भीमपलासी, राग भैरव * दिए गए स्वर समूह से राग पहचान कर उसका स्वर विस्तार करना
Physical Education	Ch1-Management of Sporting Events Ch2- Children & Women in Sports Ch3- Yoga as Preventive Measure for Lifestyle Disease Ch4- Physical Education & Sports Ch5- Sports & Nutrition Ch6- Test and Measurement in Sports Ch7- Physiology and Injuries in Sports Ch8- Biomechanics and sports Ch-9 Psychology in Sports Ch-10 Training in Sports
A.I	Employability Skills Unit-1 Communication Skills- III Unit-2 Self Management Skills-III Unit 3 : ICT Skills-III Unit 4 : Entrepreneurial Skills-III Unit 5 : Green Skills-III Subject Specific Skills Unit-1 : Introduction: Artificial Intelligence for Everyone Unit-2 : Unlocking your Future in AI Unit -3 : Python Programming Unit -4 : Introduction to Capstone Project Unit-5 : Data Literacy- Data Collection to Data Analysis Unit-6: Machine learning Algorithms Unit-7: Leveraging Linguistics and Computer Science Unit-8 :AI Ethics and Values