



**ST. VIVEKANAND LOTUS VALLEY PUBLIC SCHOOL**  
**CLASS XI**  
**SESSION 2024-25**  
**SYLLABUS OF HALF YEARLY EXAM**

<b>SR. NO</b>	<b>SUBJECT</b>	<b>SYLLABUS</b>
<b>1</b>	<b>PHYSICS</b>	Unit 1 Unit and Dimensions Unit 2 kinematics Unit 3 NLM & friction Unit 4 work energy and power Unit 5 rotational motion
<b>2</b>	<b>POL. SCIENCE</b>	1. Constitution 2. Election and representation 3. Legislature 4. Executive 5. Judiciary 6. Local government 7. Liberty 8. Equality 9. Justice 10. Rights 11. Development
<b>3</b>	<b>ECONOMICS</b>	Statistics for economics Ch 1 introduction Ch 2 collection of data Ch 3 census and sample Ch 4 organization of data Ch 5 presentation of data Ch 6 Bar diagrams Ch 7 Histogram , polygon and frequency curve Ch 8 arithmetic and time series graphs Ch 9 Measures of central tendency Ch 10 Median and mode Micro economics Ch 1 introduction Ch 2 micro economics and related concepts Ch 3 consumer's equilibrium Ch 4 Indifference curve analysis
<b>4</b>	<b>HISTORY</b>	Ch 1 writing and city life Ch 2 An empire across three continents Ch 3 Nomadic empires Ch 4 The Three orders Ch 5 Changing cultural traditions

5	<b>BANKING</b>	<p>Unit 1 _ Introduction  Unit 2_ Banker and Customer  Unit 3_Employment of Bank Funds  Unit 4 _Negotiable Instruments</p>
6	<b>MATHS</b>	<p>Ch. 1 sets  Ch.3 Trigonometry  Ch.4Complex Numbers and Quadratic Equations. ...  Ch.5Linear Inequalities. ...  Ch.6Permutations and Combinations. ...  Ch. 7 Binomial Theorem.  Ch. 11 limits &amp; Derivative  Ch.12 Three dimensional  Ch.13 Statistics</p>
7	<b>ACCOUNTS</b>	<p>Ch 1. Meaning, Objectives, Scope and Nature of Accounting  Ch.2 Basic Accounting terms  Ch. 3 Accounting Principles  Ch. 4. Process and bases of Accounting  Ch.6 Accounting Equation  Ch.7 double Entry system  Ch.9 Journal  Ch.10 GST  Ch.11 Cash Book  Ch. 12. Subsidiary books  Ch. 13 ledger  Ch. 14 Trail balance and Error  Ch. 16 Depreciation</p>
8	<b>CHEMISTRY</b>	<p>Chap-1 basic concepts of chemistry  Chap-2 structure of atom  Chap-3 classification of elements and periodicity  Chap-4 chemical bonding and molecular structure  Chap-5 thermodynamics</p>
9	<b>BUSINESS STUDIES</b>	<p>Unit 1 Evolution and Fundamental of Business  Unit 2. Forms of Business organisation  Unit 3. Public private and Global enterprises  Ch. 4 banking  Ch. 5 Emerging modes of Business  Ch. 6 Social responsibility of business and business ethics</p>
10	<b>ENGLISH</b>	<p>Note-making,Unseen Passage, Tenses, Gap filling,Posters,Classified Advertisements,Speech,Debate,Sentence Re-ordering (Literature )  Hornbill</p> <p>1.The Portrait of a lady  2.We're not .....together om</p>

		<p><b>3.Discovering Tut: The Saga Continues</b></p> <p><b>Poetry</b></p> <ol style="list-style-type: none"> <li>1. A Photograph</li> <li>2. The laburnum Tree</li> <li>3. The Voice of the Rain</li> <li>4. Childhood</li> </ol> <p><b>Snapshots</b></p> <ol style="list-style-type: none"> <li>1. The Summer of Beautiful White Horse</li> <li>2. The Address</li> <li>3. Mother's Day</li> <li>4. Birth</li> <li>5. The Tale of Melon City</li> </ol>
11	<b>BIOLOGY</b>	<p>Unit 1 Diversity of living Organisms</p> <p>Unit 2 Structural Organizations in plants and animals</p> <p>Unit 3 Cell Structure and functions</p> <p>Unit 4</p> <p>Ch-14 Respiration in higher plants</p>
12	<b>HINDI</b>	<p>गद्य भाग- नमक का दारोगा, मियां नसीरुद्दीन, अप्पू के साथ ढाई साल, विदाई संभाषण।</p> <p>पद्य भाग- कबीर के पद, मीरा के पद, घर की याद, चंपा काले अछर नहीं चीन्हती।</p> <p>पुस्तक वितान-</p> <p>भारतीय गायिकाओं में बेजोड़ लता मंगेशकर, राजस्थान की रजत बूंदे।</p> <p>अपठित गद्यांश, अपठित पद्यांश।</p> <p>शब्दकोश, डायरी लेखन, जनसंचार और पत्रकारिता पर आधारित प्रश्न उत्तर, स्ववृत्त लेखन।</p> <p>रचनात्मक लेखन, पत्र लेखन।</p>
13	<b>A.I</b>	<p><b>PART A</b></p> <p><b>UNIT 1 COMMUNICATION SKILLS</b></p> <p><b>UNIT 2 SELF MANAGEMENT SKILLS</b></p> <p><b>UNIT 3 ICT SKILLS</b></p> <p><b>PART B</b></p> <p><b>UNIT 1 INTRODUCTION TO A.I</b></p> <p><b>Unit 2 UNLOCKING YOUR FUTURE IN A.I</b></p>
14	<b>MUSIC</b>	<p><b>UNIT -1 - Brief of the following</b></p> <p><b>Naad , Shruti, Swar, Saptak, Thaata, Jati, laya Taal, Raag</b></p> <p><b>UNIT -2- Brief history of Khyal and Dhrupad</b></p>



		<b>UNIT -3 - Natya shastra, life sketch of Tansen and Bhatkhande</b> <b>UNIT - 4 - Taals</b> <b>Teen taal, Ek Taal, Chau Taal with Dugun,Tigun,Chaugun, Structure of Tanpura</b>
15.	Physical education	<b>UNIT 3</b> <b>Yoga as Preventive measure for Lifestyle Disease</b> <b>UNIT 4 .</b> <b>Physical Education &amp; Sports for (CWSN)</b> <b>UNIT 5 .</b> <b>Sports &amp; Nutrition</b>