

LAKSHMIPAT SINGHANIA ACADEMY
SYLLABUS FOR MID-SEMESTER 1 (CLASS 11)

2024-25

Subject	Class XI (Mid-Semester 1)
English	Unseen Comprehension Letter to the editor Poster making Notice writing Functional grammar The Laburnum Top The Portrait of a Lady The Summer of a Beautiful White Horse We Are Not Afraid to Die
Mathematics	1. Sets 2. Relations and functions 3. Trigonometric functions
Applied Mathematics	1. Set and relation. 2. Logarithm and its application 3. Average, Calendar and clocks. 4. Time and work and menstruation of 2D and 3 D.
Physics	Units and Measurements Dimensional Analysis Motion in a straight line Motion in a plane
Chemistry	Basic concepts of Chemistry Hydrocarbons (Nomenclature, Preparation, properties of Hydrocarbons) Redox reactions
Biology	1. Biological classification 2. Plant Kingdom 3. Animal Kingdom 4. The living World

Computer Science	<p>Unit 1: Computer Systems and Organisation</p> <ul style="list-style-type: none"> • Basic computer organization, types of software, Operating System, Boolean logic, Number System, Encoding Schemes <p>Unit 2: Computational Thinking and Programming</p> <ul style="list-style-type: none"> • Introduction to Problem-solving, Familiarization with the basics of Python programming <p>Unit 3: Society, Law and Ethics</p> <ul style="list-style-type: none"> • Digital Footprints, Digital Society and Netizen, Data Protection, Cyber Crime, Cyber safety and Malware. <p>Practical - Society, Law and Ethics</p>
Economics	<ul style="list-style-type: none"> • Introduction to Microeconomics • Introduction to Statistics • Mean, Median and Mode • Consumer equilibrium (Cardinal Approach)
Accountancy	<ol style="list-style-type: none"> 1. Meaning and Objectives of Accounting. 2. Basic Accounting Terms; 3. Accounting Principles; 4. Accounting Equation; 5. Double Entry System; 6. Journal; 7. Ledger; 8. Trial Balance; 9. Cash Book.

Business Studies	<ol style="list-style-type: none"> 1) Nature and Purpose of Business 2) Forms of Business Organisation(Including Formation of a joint stock Company) 3) Public, Private and Global Enterprise
Entrepreneurship Development	<ol style="list-style-type: none"> 1. Entrepreneurship: Concept and Functions 2. An Entrepreneur 3. Entrepreneurial Journey
Psychology	<ol style="list-style-type: none"> 1) What is psychology? (Chapter-1) 2) Methods of Enquiry in psychology- (Chapter-2)
Commercial Art	Theory - Principal of Art, Element of art, pre historical Rock painting, Indrus valley art. Practical - Illustration - Religious Festival, poster - commerical product
Legal Studies	<ol style="list-style-type: none"> 1. Concept of State 2. Forms and Organs of Government 3. Separation of Powers 4. Salient features of the Constitution of India.
Sociology	<ol style="list-style-type: none"> 1. Sociology and Society 2. Terms, Concepts and Their Use in Sociology 3. Understanding Social Institutions
Political Science	<ol style="list-style-type: none"> 1. Constitution- Why and How? 2. Election and Representation 3. Political Theory- An Introduction 4. Freedom
Physical Education	<ol style="list-style-type: none"> 1.Changing Trends and careers in physical . 2. Olympic value Education. 3. Yoga. 4. Physical Education and Sports for CWSN (children with special needs)
History	<ol style="list-style-type: none"> 1.Writing and the city life (full chapter) 2.Empire Across three Continents...till Controlling workers (slavery)
Geography	<p>Fundamentals of Physical Geography</p> <p>Chapter 1 Geography as a Discipline.</p> <p>Chapter 2</p>

	<p>The Origin and Evolution of the Earth.</p> <p>Chapter 3</p> <p>Interior of the Earth.</p>
<p>Financial Markets Management</p>	<p>1. Markets and Financial Instruments</p> <p>2. Primary and Secondary Market</p> <p>3. Employability Skills - Communication Skills</p>
<p>Web Application</p>	<p>Theory -</p> <p>Chapter1: Basics of Networking</p> <p>Chapter 2: Website Building Using HTML and CSS</p> <p>Employability Skill - Unit 1: Communication Skills-III</p> <p>Practical –</p> <p>Chapter 2: Website Building Using HTML and CSS</p>
<p>Food, Nutrition & Dietetics</p>	<p>1.Unit 1-Food and Nutrition Basic concept</p> <p>2.Unit 2-Nutrition through life cycle(Nutrition in infants)</p> <p>3.Employability skill (communication skill)</p>
<p>Mass Media Studies</p>	<p>1. Media literacy</p> <p>2. Barriers to communication</p> <p>3. Understanding Cinema -1</p> <p>4. Understanding Cinema -2</p> <p>5. Movies - Rang De Basanti & Peepli Live</p>
<p>Fashion Studies</p>	<p>Overview of fashion chapter 1</p>