

LAKSHMIPAT SINGHANIA ACADEMY

SYLLABUS FOR SELECTION 2023-24

CLASS X

| | |
|----------|--|
| ENGLISH: | <p>Comprehension Letter of Complaint Letter to the Editor Letter Placing Order Letter of Enquiry Functional Grammar</p> <p>A Letter to God Dust of Snow Fire and Ice Nelson Mandela A Triumph of Surgery A Tiger in the Zoo How to tell Wild Animals The Thief's Story The Ball Poem The Midnight Visitor Two Stories About Flying Anne Frank Amanda A Question of Trust Fog Glimpses of India Trees Footprints without Feet Mijbil the Otter The Making of a Scientist Madam Rides a Bus</p> |
|----------|--|

HINDI:

| | |
|-----------|---------------------------|
| अपठित बोध | अपठित गद्यांश |
| | अपठित पद्यांश |
| व्याकरण | पद परिचय |
| | रचना के आधार पर वाक्य भेद |
| | वाच्य भेद |
| | अलंकार भेद |
| गद्य | नेताजी का चश्मा |
| | बालगोबिन भगत |
| | लखनवी अंदाज़ |

| | |
|--------|---------------------------|
| | एक कहानी यह भी |
| पद्य | सूरदास के पद |
| | राम लक्ष्मण परशुराम संवाद |
| | आत्मकथ्य |
| | उत्साह |
| | अट नहीं रही है |
| कृतिका | माता का अँचल |
| | मैं क्यों लिखता हूँ |
| लेखन | अनुच्छेद लेखन |
| | पत्र लेखन |
| | ईमेल लेखन |
| | स्ववृत्त लेखन |
| | संदेश लेखन |
| | विज्ञापन लेखन |

| | |
|------------|--|
| BENGALI: | <p>गद्य : ज्ञानचক্ষु. आलोबाबु</p> <p>पद्य : तिन पाहाड़ेर कोले, एकाकारे, आय आरो बेँधे बेँधे থাকি</p> <p>व्याकरण : व्यंजन सन्धि, वाक्य परिवर्तन, समास</p> <p>निर्मिति : अनुच्छेद लिखन, पत्र लिखन, बोध परीक्षण</p> <p>सहायक पाठ : पोस्ट मास्टार, काबुलिওয়ালা</p> |
| MATHS: | <p>(For detailed syllabus refer to CBSE curriculum)</p> <ul style="list-style-type: none"> ❖ REAL NUMBERS ❖ POLYNOMIALS ❖ PAIR OF LINEAR EQUATIONS IN TWO VARIABLES ❖ QUADRATIC EQUATION ❖ ARITHMETIC PROGRESSION ❖ TRIANGLES ❖ COORDINATE GEOMETRY ❖ TRIGONOMETRY ❖ APPLICATION OF TRIGONOMETRY ❖ STATISTICS ❖ PROBABILITY |
| PHYSICS: | <p>Light : Reflection, Refraction – Full Chapter</p> <p>Human Eye and Colourful World – Full chapter</p> |
| CHEMISTRY: | <ol style="list-style-type: none"> 1. Chemical reactions and equations 2. Acid, Bases and salts 3. Metals and non-metals (metallurgy excluded) |

| | |
|-----------------------------------|---|
| BIOLOGY: | <p>CHAPTERS</p> <p>1 Life Processes</p> <p>2. Control and Co-ordination</p> |
| HISTORY- CIVICS- ECONOMICS: | <ol style="list-style-type: none"> 1. Rise of Nationalism in Europe (full chapter) 2. Nationalism in India (full chapter) 3. Print Culture and the Modern World (till Print and Dissent) 4. Power Sharing 5. Federalism 6. Gender Religion and Caste 7. Development 8. Sectors of Indian Economy |
| GEOGRAPHY: | Chapter 1 Resources and Development. Chapter 2 Forest and Wildlife Resources, Chapter 3 Water Resources. Map work as per CBSE map list from Chapter 1 and Chapter 3. |
| AI: | <p>Theory</p> <p><u>Employability Skill</u></p> <p>Unit 1 - Communication Skills</p> <p>Unit 2 - Self Management Skills</p> <p>Unit 3 - ICT Skills</p> <p>Unit 4 - Entrepreneurial Skills</p> <p><u>Vocational Skill</u></p> <p>Unit 1 - Introduction to AI</p> <p>Unit 2 - AI Project Cycle</p> <p>Unit 4 - Data Science (Introduction to Data Science)</p> <p>Practical</p> <p>Unit 3 - Advance Python</p> <p>Practical File</p> <p>Project File</p> <p>Viva</p> |
| MUSIC: | <p style="text-align: center;">HINDUSTANI MUSIC (PERCUSSION INSTRUMENT – TABLA)</p> <p>Theory</p> <ul style="list-style-type: none"> • Origin , History and Development of Tabla • Salient feature of various Gharana of Tabla • Brief study of Delhi, Lucknow and Farukhabad Gharana of Tabla <p>Practical</p> <ol style="list-style-type: none"> 1. One Kayda in Ektal with Paltas and Tihai 2. Ability to demonstrate the “Jhaptal and Ektal “with Tali – Khali. 3. Ability to play and demonstrate the other different composition of Ektal and Jhanptal. 4. Rela in Teental. |

| | |
|-------------------------|--|
| | <p>5. Rela in Jhaptal.</p> <p>HINDUSTANI MUSIC (VOCAL)</p> <p>Theory</p> <ol style="list-style-type: none"> 1. Basic knowledge of structure and tuning of Tanpura. 2. Raga – Bhupali and Khamaj . 3. Taal – Tilwara, Choutaal, Rupak <p>Practical</p> <ol style="list-style-type: none"> 6. Arohan- Avrohan , Pakad and Drut Bandish of Raga Khamaj along with Taan - Sargam 7. Recitation of Theka of Taal Choutaal, Tilwada , Rupak 8. Dugun , Teengun, and Chougun layakari of Choutaal and Tilwada. |
| <p>PAINTING:</p> | <p>Theory – kailasa Temple .(Ellora) Madhuboni Painting .Ajanta cave painting.Ashokan Lion Capital Indus valley art. Practical –Illustration topic- National Events. Pollution Problem. Save environment. Child labour</p> |