

LAKSHMIPAT SINGHANIA ACADEMY

SYLLABUS FOR PRE BOARD

(2023-24)

CLASS 10

ENGLISH	<p>READING SKILL 1. Unseen Comprehension</p> <p>WRITING AND GRAMMAR 2. Letter of Complaint 3. Letter to the Editor 4. Letter Placing Order 5. Letter of Enquiry 6. Analytical Paragraph 7. Functional Grammar</p> <p>LITERATURE</p> <p>FIRST FLIGHT Prose</p> <ol style="list-style-type: none">1. A Letter to God2. Nelson Mandela - Long Walk to Freedom3. Two Stories About Flying4. From the Diary of Anne Frank5. Glimpses of India6. Mijbil the Otter7. Madam Rides the Bus8. The Sermon at Benares9. The Proposal (Play) <p>Poems</p> <ol style="list-style-type: none">1. Dust of Snow2. Fire and Ice3. A Tiger in the Zoo4. How to Tell Wild Animals5. The Ball Poem6. Amanda!7. The Trees8. Fog9. The Tale of Custard the Dragon10. For Anne Gregory <p>FOOTPRINTS WITHOUT FEET</p> <ol style="list-style-type: none">1. A Triumph of Surgery2. The Thief's Story3. The Midnight Visitor4. A Question of Trust5. Footprints Without Feet6. The Making of a Scientist7. The Necklace
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8. Bholi
9. The Book that Saved the Earth

HINDI

अपठित बोध	अपठित गद्यांश
	अपठित कव्यांश
व्यकरण	व्यक् भेद
	व्यच् भेद
	पद पररच्
	अलकयर भेद
क्षिततज भयग (गद् खांड)	नेतयजी कय चशमय
	बयलगोबबन भगत
	लखनवी अदयज़
	एक कहयनी ्ह भी
	नौबतखयने में इबयदत
	ससां कृ तत
क्षिततज (कयव् खांड)	सरू दयस के पद
	रयम-लक्ष्मण-परशरु यम सवां पद
	आत्मकथ्
	उत्सय् , अट नहरीं रही है
	्ह दांतु रत मसु कयन, फसल
	सगतकयर
कृ ततकय	मयत कय अचल
	सयन - सयन हयथ जोड़ि
	मैं क्ों तलखतय हूँ
लेखन	अनछु छेद लेखन
	पत्र लेखन
	ववज्ञयपन लेखन
	स्ववतृ लेखन
	ई मेल लेखन
	सदां ेश लेखन

BENGALI

Sections	Topics
A - READING	১) বোধপরীক্ষণ (১৫০-২০০শব্দ) ২) বোধ পরীক্ষণ (১৫০-২০৫-শব্দ) ৩) বোধ পরীক্ষণ (১০০-২০০ শব্দ)
B – GRAMMAR	১) সন্ধি (ব্যঞ্জন ও বিসর্গ) ২) সমাস (দ্বন্দ্ব, কর্মধারয়, অব্যয়ীভাব) ৩) বাক্য পরিবর্তন (সরল, জটিল, যৌগিক) ৪) সাধু ও চলিত ভাষায় রূপান্তর
C -LITERATURE (PART-A + PART -B)	গদ্য : ১) জ্ঞানচক্ষু ২) আলোবাবু ৩) অদল বদল ৪) বহুরূপী পদ্য: ১) তিন পাহাড়ের কোলে ২) আয় আরো বেঁধে বেঁধে থাকি ৩) একাকরে ৪) অস্ত্রের বিরুদ্ধে গান সহায়ক : গল্পগুচ্ছ – রবীন্দ্রনাথ ঠাকুর) ১) পোস্ট মাস্টার ২) কাবুলিওয়ালা ৩) দান প্রতিদান
D – CREATIVE WRITING	১) পত্রলিখন (সম্পাদকের কাছে) ২) অনুচ্ছেদ লিখন

MATHEMATICS

(For detailed syllabus refer to CBSE curriculum)

- ❖ REAL NUMBERS
- ❖ POLYNOMIALS
- ❖ PAIR OF LINEAR EQUATIONS IN TWO VARIABLES
- ❖ QUADRATIC EQUATION
- ❖ ARITHMETIC PROGRESSION
- ❖ TRIANGLES
- ❖ COORDINATE GEOMETRY
- ❖ TRIGONOMETRY
- ❖ APPLICATION OF TRIGONOMETRY
- ❖ CIRCLES
- ❖ AREA RELATED TO CIRCLES

	<ul style="list-style-type: none"> ❖ VOLUME AND SURFACE AREAS ❖ STATISTICS ❖ PROBABILITY
PHYSICS	Light – Chapter 10, Human Eye and Colourful World – Chapter 11, Electricity –Chapter 12 AND Magnetic Effects of Electric Current-Chapter 13
CHEMISTRY	<ol style="list-style-type: none"> 1. Chemical reactions and equations 2. Acid, bases and salts 3. Metals and non-metals 4. Carbon and its compounds
BIOLOGY	Life Processes, Control and Coordination, Heredity and Evolution(Evolution excluded), Our Environment, Reproduction.
HISTORY/ DEMOCRATIC POLITICS/ ECONOMICS	<p>HISTORY:(full syllabus as per CBSE Curriculum 2023-2024)</p> <ol style="list-style-type: none"> 1. Rise of Nationalism in Europe 2.Nationalism in INDIA 3. Print culture and Modern World. 4.The Making of the Global world (sub topic -1 to 1.3 –Pre modern world to Conquest Diseases and Trade) (as per CBSE guidelines these portion to be evaluated) <p>DEMOCRATIC POLITICS:</p> <ol style="list-style-type: none"> 5.Power Sharing 6.Federalism 7. Gender, Religion and Caste. 8. Political Parties. 9. Outcomes of Democracy. <p>ECONOMICS:</p> <ol style="list-style-type: none"> 10.Development 11.Sectors of Economy 12.Money and credit 13.Globalisation and the Indian Economy <ol style="list-style-type: none"> a) What is GLOBALIZATION? b) Factors that have enabled Globalisation (as per CBSE GUIDELINES only these topics to be evaluated)
GEOGRAPHY	Chapter 1 Resources and Development. Chapter 2 Forest and Wildlife Resources.

	<p>Chapter 3. Water Resources.</p> <p>Chapter 4 Agriculture.</p> <p>Chapter 5 Minerals and Energy Resources.</p> <p>Chapter 6 Manufacturing Industries.</p> <p>Note: Map work as per CBSE map list.</p>
ARTIFICIAL INTELLIGENCE	<p>Employability Skills</p> <p>Unit 1: Communication Skills-II</p> <p>Unit 2: Self-Management Skills-II</p> <p>Unit 3: ICT Skills-II</p> <p>Unit 4: Entrepreneurial Skills-II</p> <p>Unit 5: Green Skills-II</p> <p>Subject Specific Skills</p> <p>Unit 1: Introduction to Artificial Intelligence (AI)</p> <p>Unit 2: AI Project Cycle</p> <p>Unit 4: Data Science (Introduction, Applications of Data Sciences, Data Science: Getting Started (up to Data Access),</p> <p>Unit 5: Computer Vision (Introduction, Applications of Computer Vision, Computer Vision: Getting Started (up to RGB Images),</p> <p>Unit 6: Natural Language Processing</p> <p>Unit 7: Evaluation</p> <p>Practical Examination</p> <p>Unit 3: Advance Python</p> <p>Unit 4: Data Science</p> <p>Unit 5: Computer Vision</p>
MUSIC: VOCAL	<p><u>THEORY</u></p> <ol style="list-style-type: none"> 1. Life sketch of Taansen , Omkarnath Thakur and Faiyaz Khan 2. Raga – Bhupali , Vindabani Sarang and Khamaj 3. Ability of writing of layakari (Dugun, Teengun, Chougun) with tala notation of taal – Tilwada, Choutaal, Rupak 4. Define the following – Aalap, Taan, Meend, Kan, Dhrupad, Dhamar, Tarana 5. Basic knowledge of structure and tuning of Taanpura.

MUSIC: TABLA	<p><u>PRACTICAL</u></p> <ol style="list-style-type: none"> 1. Arohan- Avrohan , Pakad and Drut Bandish of Raga Bhupali, Vrindabani Sarang and Khamaj along with Taan – Sargam. 2. Perform a Divotional song. 3. Ability to showing Dugun , Teengun, and Chougun layakari of Choutaal , Rupak and Tilwada in hand. <p><u>THEORY</u></p> <ul style="list-style-type: none"> • Definition of the following: Farmaishi Chakradar, Tukra, or Paran, Laggi & Laddi, Mukhra & Mohara • Short notes on Graha, Jati, Tripuskar Vadya • Origin , History and Development of Tabla • Salient feature of various Gharana of Tabla • Brief study of Delhi, Lucknow and Farukhabad Gharana of Tabla • Ability to write Kayada, Rela, Tukra, Paran, Chkradar, Farmaishi In Teental or Jhaptal or Ektal. • Ability to write the Thekas of Taalas in Thah, Dugun and Chougun laya <p><u>PRACTICAL</u></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 or Jhaptal 5. Basic idea of Accompaniment 6. Basic idea of Solo Performance
PAINTING	<p>Theory- Basic element of Art .Principal of Art .Ajanta cave Painting. Indus valley art. Gupta period Art. Indian folk art.(Madhubani & Warli painting</p> <p>Practical – colour composition – swach Bharat . Child labour. National Event Save Environment, world peace. India in the space</p> <p>Terrorism. Save girl child –Education girl child. Unit -2 –still life with shading</p>