

LAKSHMIPAT SINGHANIA ACADEMY

SYLLABUS FOR PERIODIC TEST -2

CLASS – X

2023-24

ENGLISH:

- Unseen passage (comprehension)
- Miscellaneous Grammar
- Editorial letter
Complaint letter
- Nelson Mandela
- Fire and Ice
- A tiger in the zoo
- The Thief's Story
- The Midnight Visitor
- Ball poem
- Two stories about flying
- Anne Frank

HINDI:

अपठित बोध	अपठित गद्यांश
व्याकरण	रचना के आधार पर वाक्य भेद
	वाच्य भेद
	अलंकार भेद
	पद परिचय
श्रुतिज - गद्य खंड	नेताजी का चश्मा
	बालगोबिन भगत
श्रुतिज - काव्य खंड	सूरदास के पद
	राम लक्ष्मण परशुराम संवाद
कृतिका	माता का अंचल
लेखन	अनुच्छेद लेखन
	विज्ञापनलेखन
	संदेश लेखन

BENGALI:

গদ্য – জ্ঞানচক্ষু, আলোবাবু

পদ্য – তিন পাহাড়ের কোলে, একাকারে

ব্যাকরণ – ব্যঞ্জনসন্ধি, বাক্য পরিনর্তন (সরল, জটিল, যৌগিক)

নির্মিতি – বোধপরিষ্করণ

সহায়ক – পোস্ট মাস্টার

MATHEMATICS: (For detailed syllabus refer to CBSE curriculum)

1. REAL NUMBERS
2. POLYNOMIALS
3. PAIR OF LINEAR EQUATIONS IN TWO VARIABLES
4. QUADRATIC EQUATION
5. ARITHMETIC PROGRESSION

PHYSICS:

Reflection of light (Full), Refraction of light (image formations by a spherical lens – included)

CHEMISTRY:

1. Chemical reactions and equations
2. Acid, bases and salts up to pH (salts excluded)

BIOLOGY:

Life Process- Nutrition and Respiration.

HISTORY:

INDIAN NATIONALISM- CIVIL-DISOBEDIENCE (FULL SECTION)

D.P - FEDERALISM -TILL INTER-STATE RELATIONSHIP

ECO- DEVELOPMENT (FULL CHAPTER)

MAP WORK IN HISTORY (AS DIRECTED BY CBSE)

GEOGRAPHY:

Chapter 1 Resources And Development Soil

Map work as per CBSE map list.

ARTIFICIAL INTELLIGENCE

Practical Syllabus (internal on submission)

- Data Sciences- Impact Filter (Impact of rise in temperature on different species)
- CV- Autodraw
- NLP- Wordtune
- Moral Machine Activity
- Python Programs

Theory Syllabus

Employability Skill

Entrepreneurship Skill

Vocational Skill

- AI Ethics
- AI Domains and Technologies
- Applications of AI – A look at Real-life AI implementations
- Understanding Problem Scoping
- Simplifying Data Acquisition
- Recap of Python (Programs using operators of python)

MUSIC: HINDUSTANI MUSIC (VOCAL)

Theory

Definition of the following:

Dhrupad, Dhamar ,Tarana

Practical

1. Arohan- Avrohan ,Pakad and DrutBandish of Raga Bhupali.
2. Recitation of Theka of TaalTeental
3. Arohan- Avrohan , Pakad and DrutBandish of Raga Khamaj

HINDUSTANI MUSIC (PERCUSSION INSTRUMENT – TABLA)

Theory

Short notes: -

Graha, Jati, TripuskarVadya

Origin and development Of Tabla

Practical

1. One Kayda in Jhanptal with four Paltas and Tihai of Jhanptal.
2. Ability to demonstrate the “Jhnaptal and Ektal “with Tali – Khali.
3. Ability to play and demonstrate the other different composition of Ektal and Jhanptal.

PAINTING:

Theory:

1. Gupta period art work & lion capital
2. Indus valley art work.
3. Ajanta cave painting

Practical:

Subjective illustration with water colour painting

TOPIC: Sports & games, save tree save life