



## DELHI PUBLIC SCHOOL CIVIL LINES ALIGARH

Syllabus for Half Yearly Examination 2020-21

### CLASS- X

#### **ENGLISH:**

READING SKILLS Unseen Passages

WRITING SKILLS Article Writing, Short Story, Letters (Enquiry, Placing order, The Editor)

GRAMMAR Tenses, Reported Speech, Subject Verb Agreement, Modals.

LITERATURE:

FIRST FLIGHT:

PROSE Ch-1 A Letter To God, Ch-2 Nelson Mandela: Long Walk To Freedom, Ch-3 Two Stories About Flying, Ch-4 From the Diary Of Anne Frank, Ch-5 The Hundred Dresses–1, Ch-6 The Hundred Dresses–2, Ch-7 Glimpses Of India

POEMS 1 - Dust Of Snow, 2 - Fire And Ice, 3 - A Tiger In The Zoo, 4 - Animals, 5 - The Ball Poem, 6 - Amanda.

FOOTPRINTS WITHOUT FEET:

Ch-1 A Triumph Of Surgery, Ch-2 The Thief's Story, Ch-3 Footprints Without Feet, Ch-4 The Making Of A Scientist.

#### **MATHS:**

Ch-1: Real Numbers, Ch-2: Polynomials, Ch-3: A Pair of Linear Equation in two Variables, Ch-4: Quadratic Equations, Ch- 5: Arithmetic Progression, Ch-7: Coordinate Geometry, Ch-8: Introduction to Trigonometry, Ch-9: Application of Trigonometry

#### **SCIENCE:**

##### **PHYSICS:**

##### **CHAPTER-12 : ELECTRICITY**

Electric current, potential difference and electric current. Ohm's law; Resistance, resistivity, Factors on which the resistance of a conductor depends. Series combination of resistors, parallel combination of resistors and its applications in daily life. Heating effect of electric current and its applications in daily life. Electric power, Interrelation between P, V, I and R.

##### **CHAPTER-13: Magnetic Effects Of Current:**

Magnetic field, field lines, field due to a current carrying conductor, field due to current carrying coil or solenoid; Force on current carrying conductor, Fleming's Left Hand Rule, Electric Motor, Electromagnetic induction. Induced potential difference, Induced current. Fleming's Right Hand Rule.

##### **CHAPTER-14: Sources Of Energy**

Conservation and judicious use of natural resources. Different sources of energy, Coal and Petroleum conservation. Big dams: advantages and limitations; alternatives sources of energy.

**CHEMISTRY:** Ch.1: Chemical Reaction and Equations, Ch.2: Acids, Bases and Salts, Ch.3: Metals and Non-Metals

**BIOLOGY:** Ch 6: Life Processes, Ch 8: How do organisms reproduce?, Ch 15: Our Environment

**SOCIAL SCIENCE:**

**History:** 1.The Rise of Nationalism in Europe, 2.Nationalism in India

**Civics:** 1.Power sharing, 2.Federalism, 3.Political Parties

**Geography:** 1. Resources and Development, 3. Water resources, 4. Agriculture

**Economics:** 1. Development, 2. Sectors of Indian Economy, 3.Money and Credit

**NOTE: MAP WORK**

**INFORMATION TECHNOLOGY (402):**

**PART A: Unit-1: Communication Skills**

Session 1: Types of Communication

Session 2: Feedback in Communication

Session 3: Effective Communication

Session 4: Basic Writing Skills

Session 5: Parts of Sentences and Speech

Session 6: Sentences-Word of Quantifiers

Session 7: Construction of a paragraph

**Unit-2: Self- Management**

Session 1: Stress Management

Session 2: Working Independently

**PART B: Unit 1: Digital Documentation**

Session 1: Styles in a Document

Session 2: Images in a Document

Session3: Create and Use Templates

Session 4: Creating Table of Contents

**SECOND LANGUAGE:**

**HINDI :**

**स्पर्श–(गद्य)** पाठ–1 बड़े भाई साहब, पाठ–3 तताँरा वामीरो कथा, पाठ–6 अब कहाँ दूसरों के दुख से दुखी होने वाले

**(पद्य)** पाठ–1 साखी, पाठ–2 मीरा, पाठ–5 पर्वत प्रदेश में पावस

**संचयन–** पाठ–1 हरिहर काका, पाठ–2 सपनों के से दिन

**व्याकरण–** रचना के आधार वाक्य परिवर्तन एवं भेद, समास, मुहावरे, पत्र–लेखन(औपचारिक), अनुच्छेद–लेखन, विज्ञापन लेखन, सूचना लेखन, कहानी लेखन, अपठित गद्यांश ।

**URDU:**

**Reader:** Ch.1: Hamd, Ch.2: Betakallufi, Ch.3: Neki aur Badi, Ch.4: Qual Ka Pass, Ch.5: Hasti Apni Hubab ki si hai, (Gazal) Ch.6: Pani Ki Aaludgi, Ch.7: Zabano ka Ghar Hindustan, Ch.8: Rubaiyaat, Ch.9: Khuda k Naam Khat, Ch.10: Bheem Rao Ambedkar, Ch.11: Laaye Hayaat Aaye Qaza Le Chali Chaley (Gazal)

**Grammar:** Ism (Kinds), Zameer (Kinds), Fail (Kinds), Laheqa aur Sabqa, Opposite Words, Singular-plural, gender, Sentences, Word-Meaning, Letter and Application

**SANSKRIT:** मणिका—पाठ2— बुद्धिर्बलवती सदा, पाठ5— जननी तुल्यवत्सला, पाठ6—सुभाषितानि, पाठ7— सौहार्द प्रकृतेः शोभा ।

**व्याकरणम् लेखनं च—**अव्यययाः, वाच्य परिवर्तनम्, अन्वयः—भावार्थः, अपठित गद्यांशम्, पंचवाक्येषु संस्कृतेन अनुवादः, पठित गद्यांशम्, पद्यांशम् , नाट्यांशम् च पत्रलेखनम्

Class Representative

Vice Principal

Principal