

ST. MARK'S SCHOOL CLASS X - SYLLABUS (2019-20)

ENGLISH

PERIODIC ASSESSMENT - 1

FIRST FLIGHT

PROSE : 1 - A Letter to God, 2 - Nelson Mandela : Long Walk to Freedom, 3 - Two stories about flying : Part I and II, 4 - From the diary of Anne Frank.

POETRY : 1 - Dust of Snow, 2 - Fire and Ice, 3 - A Tiger in the Zoo, 4 - How to tell Wild Animals, 5 - The Ball Poem, 6 - Amanda.

FOOTPRINTS : 1 - A Triumph of Surgery, 2 - The Thief's Story, 3 - The Midnight Visitor.

GRAMMAR : Editing - Error finding, Rearranging the jumbled sentences.

WRITING SKILLS : Formal Letter (Complaint / Order / Inquiry / Letter to the Editor).

PERIODIC ASSESSMENT - 2 (MID TERM EXAMINATION)

FIRST FLIGHT

PROSE : 5 - The Hundred Dresses - I, 6 - The Hundred Dresses - II, 7 - Glimpses of India - I, II, III, 8 - Mijbil the Otter.

POETRY : 7 - Animals, 8 - The Trees, 9 - Fog.

FOOTPRINTS : 4 - A Question of Trust, 5 - Footprints without Feet, 6 - The Making of a Scientist, 7 - The Necklace.

GRAMMAR : Omission, Gap filling.

WRITING SKILLS : Article, Story Writing.

*Syllabus of Periodic I to be included.

PERIODIC ASSESSMENT - 3

FIRST FLIGHT

PROSE : 9 - Madam Rides the Bus, 10 - The Sermon at Benares, 11 - The Proposal.

POETRY : 10 - The Tale of Custard the Dragon, 11 - For Anne Gregory.

FOOTPRINTS : 8 - The Hack Driver, 9 - Bholi, 10 - The Book that saved the Earth.

GRAMMAR : Passive Voice, Reported Speech.

WRITING SKILLS : Article Writing.

PRE-BOARDS

Entire Syllabus to be covered.

- First Flight
- Footprints
- Grammar
- Writing Skills

हिंदी पाठ्यक्रम (2019-20) कक्षा - दसवीं

प्रथम सामयिक परीक्षा

स्पर्श (गद्य) - (1) वड़े भाई साहब (2) डायरी का एक पन्ना

स्पर्श (पद्य) - (1) साखी (2) पद (3) दोहे

संचयन - (1) हरिहर काका

व्याकरण - (1) शब्द व पद में अंतर (2) रचना के आधार पर वाक्य रूपांतरण (3) मुहावरे

रचनात्मक लेखन - संवादलेखन

द्वितीय सामयिक परीक्षा

स्पर्श (गद्य) - (1) तताँरा-वामीरो कथा (2) कारतूस

स्पर्श (पद्य) - (1) मनुष्यता (2) पर्वत प्रदेश में पावस (3) तोप

संचयन - (1) सपनों के-से दिन

व्याकरण - (1) समास (2) अशुद्धि शोधन (3) अपठित काव्यांश (4) अपठित गद्यांश
लेखन - (1) औपचारिक पत्र (2) विज्ञापन लेखन (3) सूचना लेखन (4) अनुच्छेद लेखन
➤ नोट - प्रथम सामयिक परीक्षा का संपूर्ण पाठ्यक्रम भी आएगा।

तृतीय सामयिक परीक्षा

स्पर्श (गद्य) - (1) अब कहाँ दूसरों के दुख से दुखी होने वाले (2) पतझर में टूटी पत्तियाँ

स्पर्श (पद्य) - (1) कर चले हम फ़िदा (2) आत्मत्राण

संचयन - (1) टोपी शुक्ला

व्याकरण - संपूर्ण व्याकरण का पाठ्यक्रम

➤ नोट - कारतूस व दोहे पाठ भी आएगा। पूर्व बोर्ड परीक्षा - पठित संपूर्ण पाठ्यक्रम।

MATHEMATICS

PERIODIC ASSESSMENT - 1

1 - Real Numbers, 2 - Polynomials, 3 - Pair of Linear Equations in 2 variables.

PERIODIC ASSESSMENT - 2 (MID TERM EXAMINATION)

1 - Triangles, 2 - Introduction to Trigonometry, 3 - Some Applications of Trigonometry, 4 - Statistics and Syllabus of Periodic Assessment 1.

PERIODIC ASSESSMENT - 3

1 - Quadratic Equations, 2 - Arithmetic Progression, 3 - Areas related to Circles, 4 - Surface Areas and Volume, 5 - Polynomials, 6 - Statistics.

PRE-BOARDS

1 - Co-ordinate Geometry, 2 - Circles, 3 - Constructions, 4 - Probability and Syllabus of Periodic Assessment 1, 2 and 3 (Full Syllabus).

SCIENCE

PERIODIC ASSESSMENT - 1

CHEMISTRY : Ch. 1 - Chemical Reactions and Equations, Ch. 2 - Acids, Bases and Salts.

PHYSICS : Ch. 12 - Electricity.

BIOLOGY : Ch. 6 - Life Processes.

PERIODIC ASSESSMENT - 2 (MID TERM EXAMINATION)

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

PHYSICS : Ch. 12 - Electricity, Ch-13 - Magnetic Effect of Current, Ch-14 - Sources of Energy.

BIOLOGY : Ch. 7 - Control and Coordination, Ch. 15 - Our Environment, Ch-6 - Life Processes.

PERIODIC ASSESSMENT - 3

CHEMISTRY : Ch. 4 - Carbon and its compounds.

PHYSICS : Ch. 10 - Light - Reflection and Refraction, Ch. 14 - Sources of Energy.

BIOLOGY : Ch. 16 - Management of Natural Resources, Ch. 8 - How do organisms Reproduce.

PRE-BOARDS

CHEMISTRY : Ch. 1 - Chemical Reactions and Equations, Ch. 2 - Acids, Bases and Salts, Ch. 3 - Metals and Non-Metals, Ch. 4 - Carbon and its compounds, Ch. 5 - Periodic classification of Elements.

PHYSICS : Ch. 12 - Electricity, Ch-13 - Magnetic Effect of Current, Ch-14 - Sources of Energy, Ch. 10 - Light - Reflection and Refraction, Ch. 11 - Human Eye and Colourful World.

BIOLOGY : Ch. 6 - Life Processes, Ch. 7 - Control and Coordination, Ch. 8 - How do organisms Reproduce, Ch. 9 - Heredity and Evolution, Ch. 15 - Our Environment, Ch. 16 - Management of Natural Resources.

SOCIAL SCIENCE

PERIODIC ASSESSMENT – 1

GEOGRAPHY : L-2 – Forest and Wildlife Resources, L-3 – Water Resources.

POLITICAL SCIENCE : L-3 – Democracy and Diversity, L-5 – Popular Struggles and Movements.

***Project on Consumer Awareness / Social issues / Sustainable Development.**

(Note - Chapters of Periodic Assessment – 1 will not be assessed in Periodic Assessment – 2, Pre-Boards and Boards exams.)

PERIODIC ASSESSMENT – 2 (MID TERM EXAMINATION)

HISTORY : L-1 – The Rise of Nationalism in Europe, L-7 – Print Culture and The Modern World.

GEOGRAPHY : L-1 – Resources and Development, L-4 – Agriculture, L-5 – Minerals and Energy Resources.

ECONOMICS : L-1 – Development, L-2 – Sectors of Indian Economy, L-3 – Money and Credit.

POLITICAL SCIENCE : L-1 – Power sharing, L-2 – Federalism, L-4 – Gender, Religion and Caste, L-6 – Political Parties.

PERIODIC ASSESSMENT – 3

HISTORY : L-3 – Nationalism in India.

GEOGRAPHY : L-6 – Manufacturing Industries.

ECONOMICS : L-4 – Globalisation and the Indian Economy.

POLITICAL SCIENCE : L-7 – Outcomes of Democracy, L-8 – Challenges of Democracy.

(Note - Political Science – L-8 – Challenges to Democracy will only be assessed in Periodic Assessment – 3 and not in Pre-Boards and Boards exams.)

PRE-BOARDS

HISTORY : L-4 – The Making of a Global World / L-5 – The Age of Industrialisation (Any one chapter)

GEOGRAPHY : L-7 – Lifelines of National Economy.

(Note – Pre-Boards will also include the entire syllabus of Periodic Assessment – 2 and Periodic Assessment – 3 except L-8 – Challenges to Democracy of Political Science).

COMPUTER APPLICATIONS

PERIODIC ASSESSMENT – 1

Unit 1: Networking

- Internet: World Wide Web, web servers, web clients, web sites, web pages, web browsers, blogs, news groups, HTML, web address, e-mail address, downloading and uploading files from a remote site. Internet protocols: TCP/IP, SMTP, POP3, HTTP, HTTPS. Remote login and file transfer protocols: SSH, SFTP, FTP, SCP, TELNET, SMTP, TCP/IP.
- Services available on the internet: information retrieval, locating sites using search engines and finding people on the net;
- Web services: chat, email, video conferencing, e-Learning, e-Banking, e-Shopping, e-Reservation, e-Governance, e-Groups, social networking.
- Mobile technologies: SMS, MMS, 3G, 4G.

Unit 2: HTML

- Introduction to web page designing using HTML: create and save an HTML document, access a web page using a web browser.
- HTML tags: html, head, title, body, (attributes: text, background, bgcolor, link, vlink, alink), *br (break)*, *hr(horizontal rule)*, *inserting comments*, *h1..h6 (heading)*, *p (paragraph)*, *b (bold)*, *i (italics)*, *u (underline)*, *ul (unordered list)*, *ol (ordered list)*, and *li (list item)*. *Description lists: dl, dt and dd. Attributes of ol (start, type), ul (type)*.
- Font tags (attributes: face, size, color).
- Insert images: img (attributes: src, width, height, alt), sup (super script), sub (subscript).
- HTML Forms: Textbox, radio buttons, checkbox, password, list, combobox.
- Embed audio and video in a HTML page.

- Create a table using the tags: table, tr, th, td, rowspan, colspan
- Links: significance of linking, anchor element (attributes: href, mailto), targets.
- Cascading style sheets: colour, background-colour, border-style, margin, height, width, outline, font (family, style, size), align, float.

****Simple if else python programs**

PERIODIC ASSESSMENT - 2 (MID TERM EXAMINATION)

Unit 1 and Unit 2

Unit 4: Python (Theory and Practical)

Alternative 2: Python

- Revision of Python basics
- Conditionals: if, if-else statements
- Loops: for, while (e.g., sum of first 10 natural numbers)
- Practice simple programs

PERIODIC ASSESSMENT - 3

Unit 3: Cyber ethics

- Netiquettes.
- Software licenses and the open source software movement.
- Intellectual property rights, plagiarism and digital property rights.
- Freedom of information and the digital divide.
- E-commerce: Privacy, fraud, secure data transmission.

PRE-BOARDS

Entire Syllabus to be covered.

ART EDUCATION

1 - Mask making; 2 - Card making; 3 - Folder making; 4 - Best Out of Waste