

ST. MARK'S SCHOOL
CLASS IX – SYLLABUS (2021-2022)

ENGLISH
PERIODIC TEST 1

LITERATURE READER : Prose : 1 - The Fun They Had, **Poetry** : 1- The Road Not Taken

SUPPLEMENTARY READER : 1 - The Lost Child

GRAMMAR : Editing - Error finding and Omission

WRITING SKILLS : Diary Entry

MID TERM EXAMINATION

LITERATURE READER : Prose : 1 - The Fun They Had, 2 - The Sound of Music, 3 - The Little Girl, 4 - A Truly Beautiful Mind **Poetry** : 1- The Road Not Taken, 2 - Wind, 3 - Rain on the Roof, 4 - A Legend of the Northland

SUPPLEMENTARY READER : 1 - The Lost Child, 2 - The Adventures of Toto, 3 - In the Kingdom of Fools, 4 - The Happy Prince

GRAMMAR : Integrated grammar exercises – Editing - Error finding and Omission, Sentence Reordering, Gap filling based on the following grammar topics (Tenses, Modals, Subject-Verb concord and Determiners)

WRITING SKILLS : Diary Entry based on visual or verbal cues, Story Writing.

हिन्दी कोर्स बी

प्रथम सामायिक मूल्यांकन

1. रैदास
2. दुःख का अधिकार
3. शब्द व पद
4. अनुस्वार - अनुनासिक
5. सन्देश लेखन

अर्द्धवार्षिक परीक्षा

- अपठित गद्यांश
- दुख का अधिकार, तुम कब जाओगे अतिथि
- काव्य पाठ : रहीम, रैदास
- संचयन भाग 1 : गिल्लू, स्मृति
- व्याकरण : शब्द और पद, अर्थ की दृष्टि से वाक्य भेद, अनुस्वार, अनुनासिक, उपसर्ग व प्रत्यय
- रचनात्मक लेखन : अनुच्छेद-लेखन, अनौपचारिक-पत्र, संदेश-लेखन, संवाद-लेखन व नारा-लेखन

MATHEMATICS

PERIODIC TEST 1

1. POLYNOMIALS

MID TERM EXAMINATION

1. NUMBER SYSTEMS

Topics Removed –

- (a) Representation of terminating/non-terminating recurring decimals on the number line through successive magnification.
- (b) Explaining that every real number is represented by a unique point on the number line and conversely, viz. every point on the number line represents a unique real number.
- (c) Definition of n^{th} root of a real number.

2. POLYNOMIALS

Topics Removed –

- (a) Motivate and State the Remainder Theorem with examples.
- (b) Statement and proof of the Factor Theorem.
- (c) $x^3 + y^3 + z^3 - 3xyz$

3. LINES AND ANGLES

4. TRIANGLES

Topics Removed –

- (a) Proof of the theorem – Two triangles are congruent if any two angles and the included side of one triangle is equal to any two angles and the side of the other triangle (ASA Congruence)
- (b) Triangle Inequalities and relation between ‘angle and facing side’ inequalities in triangles

5. QUADRILATERALS

6. HERON'S FORMULA

Topic Removed –

Application of Heron's Formula in finding the area of a quadrilateral.

SCIENCE PERIODIC TEST 1

PHYSICS : Ch. 8 – Motion

CHEMISTRY : Ch. 2 – Is Matter Around us Pure (Topic deleted – Separating the components of a mixture)

BIOLOGY : Ch. 5 – Fundamental Unit of Life

MID TERM EXAMINATION

PHYSICS : Ch. 8 – Motion, Ch. 9 – Force and Laws of Motion

CHEMISTRY : Ch. 2 – Is Matter Around us Pure (Topic deleted – Separating the components of a mixture), Ch. 3 – Atoms and Molecules (Only till writing chemical formulae)

BIOLOGY : Ch. 5 – Fundamental Unit of Life, Ch. 6 – Tissues

List of Practical :

- 1. Preparation of
 - a) A true solution of common salt, sugar and alum
 - b) A suspension of soil, chalk powder and fine sand in water
 - c) A Colloidal solution of starch in water and egg albumin/milk in water and distinguish between these on the basis of transparency, filtration criteria and stability

- 2. Preparation of

- a) A mixture
 - b) A compound, using iron filings and sulphur powder and distinguishing between these on the basis of
 - i) appearance i.e. homogeneity and heterogeneity
 - ii) behaviour towards a magnet
 - iii) behaviour towards carbon di sulphide as a solvent
 - iv) Effect of heat
3. Preparation of stained temporary mount of
- a) Onion peel
 - b) Human cheek cells and to record observations and draw their labelled diagrams
4. Identification of Parenchyma, Collenchyma and Sclerenchyma tissues in plants, striped, smooth and cardiac muscle fibres and nerve cells in animals, from prepared slides. Draw their labelled diagrams.

SOCIAL SCIENCE

PERIODIC TEST 1

ECONOMICS : Ch. 1 - The Story of Village Palampur

GEOGRAPHY : Ch. 1 – India – Size and Location

MID TERM EXAMINATION

HISTORY : Ch. 1 - French Revolution, Ch. 3 - Nazism and the rise of Hitler

POLITICAL SCIENCE : Ch. 1 - What is Democracy? Why Democracy?, Ch. 2 - Constitutional Design

(Deleted – Constitution in South Africa)

ECONOMICS : Ch. 2 - People as Resource

GEOGRAPHY : Ch. 2 – Physical features of India, Ch. 3 – Drainage (**Note : Only Map items as given in the Map List from this chapter to be evaluated in examination**)

NOTE: Syllabus done in Periodic 1 will be included in Mid Term.

COMPUTER APPLICATIONS

PERIODIC TEST 1

Unit 1:

Basics of Information Technology • Computer Systems: characteristics of a computer, components of a computer system – CPU, memory, storage devices and I/O devices • Memory: primary (RAM and ROM) and secondary memory • Storage devices: hard disk, CD ROM, DVD, pen/flash drive, memory stick • I/O devices: keyboard, mouse, monitor, printer, scanner, web camera • Types of software: system software (operating system, device drivers), application software including mobile applications • Computer networking: Type of networks: PAN, LAN, MAN, WAN, wired/wireless communication, Wi-Fi, Bluetooth, cloud computers (private/public) • Multimedia: images, audio, video, animation

Unit 2:

Cyber-safety • Safely browsing the web and using social networks: identity protection, proper usage of passwords, privacy, confidentiality of information, cyber stalking, reporting cybercrimes • Safely accessing websites: viruses and malware, adware

MID TERM EXAMINATION

Unit 3:

Office tools

- Introduction to a word processor: create and save a document.
- Edit and format text: text style (B, I, U), font type, font size, text colour, alignment of text. Format paragraphs with line and/or paragraph spacing. Add headers and footers, numbering pages, grammar and spell check utilities, subscript and superscript, insert symbols, use print preview, and print a document.

NOTE: Syllabus done in Periodic 1 will be included in Mid Term.

HOME SCIENCE

PERIODIC TEST 1

Ch. 1 – Concept of Home Science, Ch. 2 – Growth and Development

MID TERM EXAMINATION

Ch. 1 – Concept of Home Science, Ch. 2 – Growth and Development, Ch. 3 – Family – A Unit of Society, Ch. 4 – Food, Nutrition and Health (Topic deleted – Methods of Cooking and Processing)

संस्कृतम् पाठ्यक्रमः (2021-22)

प्रथम सामयिकी परीक्षा-

पाठः2 स्वर्णकाकः, पाठः5 सूक्तिमौक्तिकम्,

व्याकरणम् - स्वर संधिः (दीर्घ, गुण, अयादि), व्यंजन संधिः- (प्रथम वर्ण का तृतीय में परिवर्तन, मोऽनुस्वार), उपसर्ग (आ, उप, अनु, निर्, प्रति, वि), संख्या (1-50), प्रत्ययः- क्त्वा, शब्दरूप- बालकवत् लतावत्।

अर्धवार्षिकी परीक्षा-

पाठः2 स्वर्णकाकः, पाठः5 सूक्तिमौक्तिकम्, पाठः6 भ्रान्तो बालः।

व्याकरणम् - स्वर संधिः (दीर्घ, गुण, अयादि), व्यंजन संधिः- (प्रथम वर्ण का तृतीय में परिवर्तन, मोऽनुस्वार), उपसर्ग (आ, उप, अनु, निर्, प्रति, वि), संख्या (1-50), प्रत्यय - क्त्वा, तुमुन्, उपपद विभक्तिः- द्वितीया- (निकषा, परितः, प्रति, विना) तृतीया- (सह, साकम्, सार्धम्, समम्, सदृश, विना, अलम्, हीनः)

चतुर्थी - (कुपु, नमः, रुच् दा) शब्दरूपाणि- बालकवत्, लतावत्, साधुवत्, नदीवत्, अस्मद्, युष्मद्

धातुरूपाणि- अस्, पठ्, पा, गम्, वद् (लट्, लृट्, लङ्, लोट्, विधिलिङ्) सेव् (लट्, लृट्)।

अपठित गद्यांशः, पत्रलेखनम्, चित्रवर्णनम्, अनुच्छेदलेखनम्।