

ST. SOLDIER INTERNATIONAL CONVENT SCHOOL, MOHALI
CLASS MANUAL
CLASS: X
Session 2022-23

English
Term – I
UNIT TEST

Reading: Unseen Passage

Writing: Formal letter Writing

Grammar: Integrated Grammar

Literature:

FIRST FLIGHT

L-1 A letter to God

Activity- Write a formal letter to god thanking him for all the blessings showered on you.

L-2 Nelson Mandela: Long walk to freedom

Activity- Enlist different milestone of Mandela's life.

L-3 Two stories about flying

Activity- Worksheet

Poetry

P-1 Dust of snow

P-2 Fire and ice

Activity- Quiz

FOOTPRINTS WITHOUT FEET

L-1 A Triumph of surgery

Activity- Poster against cruelty on animals (Art Integrated)

L-2 A Thief's Story

Activity - Debate: Trust and compassion can reform a criminal.

L-3 The Midnight Visitor

Activity- movie

L-4 A Question of Trust

Activity- Reading: 'The confession' by Anton Chekhov.

First Terminal Examination Syllabus of Unit Test-I

Reading: Unseen passage

Writing: Analytical paragraph

Grammar: Integrated Grammar

Literature: Prose (First Flight)

L-4 From the diary of Anne Frank.

Activity- Tabular classification of Anne frank's character traits.

L-5 The hundred Dresses Part 1 and 2.

Activity- Vocabulary Puzzle.

POETRY

P-3 A Tiger in the Zoo

Activity- Recitation

P-4 How to tell Wild Animals

Activity- Research (Forest reserves)

P-5 The Ball poem

Activity- Word grid

P-6 Amanda!

Activity- Share your experience when you irritate your mother/ father.

Book- Footprints without Feet

L-5 Footprints without Feet

Activity- Movie: The Invisible Man

Term-2

Reading: Unseen Passage

Writing: Formal letter writing (Business Letters)

Grammar: Integrated Grammar.

Prose: First flight

L-7 Glimpses of India

A baker from Goa

Coorg

Tea from Assam.

Activity: Leaflet/Pamphlet on Incredible India (Art Integrated)

L-8 Mijbil the Otter.

Activity: Group Discussion

L-9 Madam Rides the Bus

Activity- Debate: Should children of tender age be allowed to take their own discussion

L-10 The Sermon at Benares

Activity- Role play

L-11 The Proposal

Activity- Role play and Group Discussion

POETRY

P-7 Animals

Activity- Worksheet

P-8 The Trees

Activity- Poster making – Save Trees (Art integrated)

P-9 Fog

Activity- Venn diagram

P-10 The Tale of Custard the Dragon

Activity- Poetic devices

P-11 For Anne Gregory

Activity- Conversation Internal vs External Beauty.

FOOTPRINTS WITHOUT FEET

L-6 The Making of Scientist

Activity- Enlist any 10 scientists and their inventions

L-7 The Necklace

Activity- Speech- Contentment thy name is Happiness.

L-8 The Hack Driver

Activity- Reading “Baran Bhowmik’s ailment by Satyajit Ray”

L-9 Bholi

Activity- Narrate an Experience when a teacher inspired you.

L-10 The Book that Saved the Earth

Activity- Dramatization

A S L

हिन्दी

Term -I

पुस्तक - स्पर्श भाग 2

पाठ 1 – बड़े भाई साहब

क्रियाकलाप - गृह 'समय – सारिणी

पाठ 2- डायरी का एक पन्ना

क्रियाकलाप - डायरी लेखन

पाठ 3- कबीर (साखी)

क्रियाकलाप- दोहा गायन

पाठ 4- मीरा के पद

क्रियाकलाप- कविता वाचन

पाठ5- तँतारा वामीरों कथा

क्रियाकलाप- अंडमान और निकोबार द्वीप समूह पर लिखिए।

पाठ 6- अब कहाँ दूसरे के दुख में दुखी होने वाले

क्रियाकलाप- परोपकार पर कहानी लिखिए।

पाठ 7- पर्वत प्रदेश में पावस (कविता)

क्रियाकलाप- प्राकृतिक सौंदर्य से संबंधित कविता लिखो।

पाठ 8- तोप (कविता)

क्रियाकलाप- 'तोप' के विषय में जानकारी।

व्याकरण- समास, वाक्य रूपांतरण, मुहावरेदार ,पदबंध

Term- II

पाठ 9- 'पतझड़ ' से टूटी पत्तियाँ

क्रियाकलाप- नाट्य रूपांतरण

पाठ 10- 'कारतूस '

क्रियाकलाप- 'वजीर अली के विषय में जानकारी

पाठ 11- हरिहर काका(संचयन)

क्रियाकलाप- विद्यार्थियों को वृद्धाश्रम में ले जाना।

पाठ 12 –'सपनों के से दिन '

क्रियाकलाप- 'स्कूल ' में पी.टी' सर (मास्टर) पर चर्चा।

पाठ 13-' मनुष्यता ' (कविता)

क्रियाकलाप- कविता वाचन

पाठ 14- 'कर चले हम फिदा'(कविता)

क्रियाकलाप - 'हकीकत ' फिल्म दिखाना।

ਪਾਠ 15 – ਟੋਪੀ ਸ਼ੁਕਲਾ (ਸੰਚਯਨ)

ਕ੍ਰਿਯਾਕਲਾਪ - 'ਸਚਚੀ ਸਿਤ੍ਰਿਤਾ ' ਪਰ ਅਨੁਚਛੇਦ।

ਪਾਠ 16 – 'ਆਤਮਤ੍ਰਾਯ ' (ਕਵਿਤਾ)

ਕ੍ਰਿਯਾਕਲਾਪ - ਰਵਿਨ੍ਦ੍ਰ ਨਾਥ ਟੈਗੋਰ ਪਰ ਜੀਵਨੀ।

ਵਯਾਕਰਣ - ਸਮਾਸ, ਵਾਕਯ ਰੂਪਾਂਤਰਣ, ਪਦਬੰਧ, ਸੁਹਾਕਰੇ, ਸੰਵਾਦ ਲੇਖਨ, ਅਨੁਚਛੇਦ ਲੇਖਨ, ਪਤ੍ਰ- ਲੇਖਨ, ਅਤਿ ਲਘੁ ਕਥਾ।

Punjabi

Term-I

Unit Test-I

Activity

ਸਾਹਿਤ ਮਾਲਾ:- “ਸੋ ਕਿਉ ਮੰਦਾ ਆਖੀਐ” (ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਜੀ)

ਮਹਾਨ ਇਸਤਰੀ ਜਿਵੇਂ ਕੋਈ ਕਲਪਨਾ ਚਾਵਲਾ ਜਾਂ ਪੀ.ਵੀ. ਸਿੱਧੂ ਆਪਣਾ ਰੋਲ ਕਰਨ।

“ਘਰ ਦਾ ਪਿਆਰ”

Activity

ਤੁਸੀਂ ਘਰ ਵਿੱਚ ਆਪਣੇ ਛੋਟੇ ਭੈਣ ਜਾਂ ਭਰਾ ਨੂੰ ਖੁਸ਼ ਕਰਨ ਲਈ ਕੀ-ਕੀ ਕਰਦੇ ਹੋ ਉਸਦਾ ਬਿਆਨ ਕਰੋ।

Activity

ਵੰਨਗੀ:- “ਕੁਲਫੀ”:- ਤੁਹਾਨੂੰ ਕੋਈ ਚੀਜ਼ ਚੰਗੀ ਲੱਗਦੀ ਹੈ ਪਰ ਤੁਸੀਂ ਲੈ ਨਹੀਂ ਸਕੇ। ਤੁਸੀਂ ਆਪਣਾ ਮਨ ਮਾਰ ਕੇ (Sacrifice) ਮਨ ਮੋੜਿਆ, ਦਿਲ ਵਿੱਚ ਰੱਖਿਆ ਬਿਆਨ ਕਰੋ।

ਪੱਤਰ ਵਪਾਰਕ, ਦਫ਼ਤਰੀ

ਲੇਖ ਵਿਚਾਰ ਪ੍ਰਧਾਨ ਤੇ ਆਮ ਵਿਸ਼ੇ

ਵਿਆਕਰਨ:- ਸਮਾਗੀ ਸ਼ਬਦ, ਬਹੁ-ਅਰਥਕ, ਮੁਹਾਵਰੇ (ਕ ਤੋਂ ਖ ਤੱਕ) ਕਿਰਿਆ ਵਿਸ਼ੇਸ਼ਣ।

Term-I + Unit Test

ਗਿਆਨ ਤੇ ਵਿਚਾਰ - ਅਣਡਿੱਠਾ ਪੈਰਾ

Activity

ਸਾਹਿਤ ਮਾਲਾ:- “ਗੁਰੂ ਅਮਰਦਾਸ ਜੀ” ਉਹਨਾਂ ਦੀ ਸੇਵਾ ਭਾਵਨਾ ਨੂੰ ਦੇਖਕੇ ਤੁਸੀਂ ਗੁਰੂ ਘਰ ਵਿੱਚ ਲੰਗਰ ਦੀ ਸੇਵਾ ਹਰ ਐਤਵਾਰ ਨੂੰ ਕਰੋ।

ਵਾਰਤਕ:- ਬੋਲੀ

Activity

ਜਿਵੇਂ ਕੋਈ ਬਹੁਤ ਸੋਹਣਾ, ਮਨੁੱਖ ਹੈ ਪਰ ਗੂੰਗਾ ਹੈ ਤੁਸੀਂ ਉਸਦੀ ਤਸਵੀਰ ਲਗਾ ਕੇ ਲਿਖੋ ਕਿ “ਸੋਹਣਿਆ ਮੂੰਹੋਂ ਕੁਝ ਤਾਂ ਬੋਲ” ਬੋਲਣ ਹੀ ਸਖਸੀਅਤ ਦਾ ਪਤਾ ਲੱਗਦਾ ਹੈ।

Activity

ਵੰਨਗੀ:- ਜਫ਼ਰਨਾਮਾ:- ਇਸ ਇਕਾਂਗੀ ਨੂੰ ਬੱਚੇ (ਰੋਲ ਪਲੇ) ਭਾਵ ਆਪਣੇ ਪਾਤਰ ਅਨੁਸਾਰ ਕਰਨਗੇ ਜੋ ਸਟੇਜ ਤੇ ਵੀ ਕਰਵਾਈ ਜਾਵੇਗੀ।

ਪੱਤਰ:- ਵਪਾਰਕ

ਲੇਖ ਰਚਨਾ:- ਵਿਚਾਰ ਪ੍ਰਧਾਨ ਤੇ ਆਮ ਵਿਸ਼ੇ

Project:- ਭਾਈ ਗੁਰਦਾਸ ਜੀ ਦੇ ਜੀਵਨ ਤੇ ਤਸਵੀਰਾਂ ਸਹਿਤ Project ਤਿਆਰ ਕਰੋ।

Term-II Unit Test-II

Activity

ਸਾਹਿਤ ਮਾਲਾ:-

“ਗੁਰੂ ਅਰਜਨ ਦੇਵ ਜੀ”:- ਉਹਨਾਂ ਸਰਵੋਤਮ ਰਚਨਾ “ਸੁਖਮਣੀ ਸਾਹਿਬ” ਦੇ ਕੋਈ ਪੰਜ ਸਲੋਕ ਯਾਦ ਕਰਕੇ ਜਮਾਤ ਵਿੱਚ ਸੁਣਾਓ।

Activity

“ਪ੍ਰਾਰਥਨਾ”:- ਹਰੇਕ ਦਾ ਪ੍ਰਾਰਥਨਾ ਦਾ ਆਪਣਾ-ਆਪਣਾ ਤਰੀਕਾ ਕੋਈ ਮੰਦਰ ਜਾਂਦਾ, ਕੋਈ ਗੁਰਦੁਆਰੇ, ਕੋਈ ਠਾਕੁਰਦੁਆਰੇ ਜੋ ਸਮਾਨ ਤੁਸੀਂ ਲੈ ਕੇ ਜਾਂਦੇ ਹੋ ਉਹ ਬਿਆਨ ਕਰੋ।

Activity

“ਵੱਡੇ-ਵੱਡੇਰੇ” ਆਪਣੇ ਘਰ ਦਾਦਾ-ਦਾਦੀ ਤੋਂ ਆਪਣੇ ਵਡੇਰਿਆਂ ਬਾਰੇ ਪੁੱਛੋ ਤੇ ਜਾਣਕਾਰੀ ਹਾਸਲ ਕਰੋ। ਫਿਰ ਜਮਾਤ ਵਿੱਚ ਆ ਕੇ ਬਿਆਨ ਕਰੋ।

Activity

“ਅੰਗ-ਸੰਗ” ਕਹਾਣੀ ਵਿੱਚ ਸ਼ਰਾਬੀ ਬੰਦੇ ਨੂੰ ਕੋਈ ਪੁੱਛਦਾ ਨਹੀਂ ਪਰ ਜਦੋਂ ਦੁਨੀਆਂ ਵਿਚੋਂ ਚਲਾ ਜਾਂਦਾ ਹੈ ਤਾਂ ਉਹਨਾਂ ਦੇ ਅੰਗ-ਸੰਗ ਹੈ। ਇਸਦੀ Worksheet ਹੀ ਬਣਾਈ ਜਾਵੇ।

ਪੱਤਰ:- ਦਫਤਰੀ, ਵਪਾਰਕ

ਲੇਖ:- ਵਿਚਾਰ ਪ੍ਰਧਾਨ ਤੇ ਆਮ ਵਿਸ਼ੇ

Term-II + Unit Test

Activity

ਅਣਡਿੱਠਾ ਪੈਰਾ ਰਚਨਾ

ਵੰਨਗੀ:- ਇਕਾਂਗੀ “ਦੂਜਾ ਵਿਆਹ”:- ਜਮਾਤ ਵਿੱਚ ਬੱਚੇ ਰੋਲ ਪਲੇ ਕਰਨਗੇ ਜਿਸ ਨਾਲ ਔਰਤ ਨੂੰ ਮਰਦ ਦੇ ਬਰਾਬਰ ਦਰਜਾ ਦਿੱਤਾ ਗਿਆ ਹੈ।

Activity

“ਭਾਈ ਗੁਰਦਾਸ”

ਜਿਨ੍ਹਾਂ ਦਾ ਗੁਰੂ ਗ੍ਰੰਥ ਸਾਹਿਬ ਨੂੰ ਲਿਖਣ ਵਿੱਚ ਬਹੁਤ ਵੱਡਾ ਯੋਗਦਾਨ ਹੈ। ਕੋਈ ਦੋ ਸਲੋਕ ਯਾਦ ਕਰਕੇ ਜਮਾਤ ਵਿੱਚ ਸੁਣਾਏ ਜਾਣ।

Pre-Board – 2nd Terminal Exam

ਪੱਤਰ:- ਦਫਤਰੀ ਤੇ ਵਪਾਰਕ

ਲੇਖ:- ਵਿਚਾਰ ਪ੍ਰਧਾਨ ਤੇ ਆਮ ਵਿਸ਼ੇਸ਼

ਵਿਆਕਰਨ:- ਦੁਹਰਾਈ ਕਰੋ।

ਸਾਰੇ Syllabus ਦੀ ਦੁਹਰਾਈ ਕਰੋ।

Mathematics

Term – I

Ch- 1 Real Numbers – Activity: To find the HCF of two numbers experimentally.

Ch- 2 Polynomials- Activity: Determine the zeros of a polynomial graphically.

Ch- 3 Pair of Linear equation in two variables- Activity: To verify the conditions for consistency by graphical method.

Ch- 6 Similar Triangles- Activity: To verify Thales Theorem Through an activity.

Ch- 7 Coordinate Geometry- Activity: Show the place of your friends on graph sheet by making Cartesian plane.

Ch- 8 Introduction To Trigonometry. Activity: Easy way to learn the table of trigonometry with the use of hands.

Ch- 12 Area Related to Circles- Activity: To obtain the area of a circle by paper cutting and pasting.

Ch- 15 Probability- Activity: To obtain the probability of an event related to throw of a dice.

Unit Test – 1

Ch- 1(Real Numbers) , 2(Polynomials), 3(Pair of Linear Equation in two variables)

Term – II

Ch- 4 Quadratic Equations- Activity: Find the roots of quadratic equation by paper cutting and pasting.

Ch- 5 Arithmetic Progression- Activity: To verify the sum of first n natural numbers.

Ch- 9 Some Application of Trigonometry- Activity: Magicometry Hand Activity.

Ch- 10 Circles- Activity: To verify that the length of tangents drawn from an external point to a circle are equal.

Ch- 11 Construction- Activity: Construction of Tangent to a circle.

Ch- 13 Surface area and volume- Activity: To find the curved surface area of a cylinder experimentally.

Ch- 14 Statistics- Activity: To find the mean, median and mode of the given data.

Unit Test –II

Ch- 4 (Quadratic Equations), Ch- 5 (Arithmetic Progression), Ch- 9 (Some application of Trigonometry) , Ch- 10 (Circles)

Science

Unit test-I

1. Chapter-Chemical reactions and equations

Activity-Demonstration based activity to explain type of chemical reactions.

2Chapter- life processes

Activity- To observe the effect of salivary amylase on food.

3.Chapter- electricity

Activity- To study the effect of dependence of potential difference across the resistor on the current passing through it and determining the resistance.

4.Chapter -control and coordination

Activity:-Brain fact or fake quiz

First terminal examination.

1. Chapter -Acid, bases and salts

Activity- To identify Acidic and basic nature of given substances using beetroot extract

2.Magnetic effects of current

Activity- To draw magnetic field lines around bar magnet

3.Chapter -Sources of energy

Activity-Making a model to show rainwater harvesting

4. Chapter-metals and nonmetals

Activity- To study reaction of different metals with salt solutions of other metals.

5. Chapter - sources of energy

Activity-Separate flower parts of common China Rose and display them

6.Chapter -light

Activity- To trace the path of a ray of light passing through a glass slab for different angles of incidence

Unit Test-II

1.Chapter- carbon in its compounds

Chemistry tambola game.

2. Chapter- Periodic properties

Card game

3. Chapter-The human eye and colourful world

Activity:- Debate can be arranged on following topics:-

Is eye donation necessary?

Are technological gadgets harmful for eyes?

Are special diets and care needed for eyes?

Second terminal examination

Chapter-Our environment

Students can be asked to prepare PPT on ozone depletion and its impact .

Chapter - Management of natural resources

Activity-Compare the quality of tap water and RO water

Chapter-Heredity and evolution

Activity :-To form trait tree

Social Science

UNIT TEST -I

History: Lesson 1 -> The rise of Nationalism in Europe

Geography: Lesson 1 -> Resource and Development

Political Science: Lesson -1 Power Sharing

Economics: Lesson 1 -> Development

Term-I Examination

History:

Lesson 1 -> The rise of Nationalism in Europe

Map Activity on various countries of Europe

Lesson 2 -> Nationalism in India

Write slogans given by famous freedom fighters or make portrait of any one freedom fighter

Geography: Lesson 1 -> Resource and Development

(Activity on classification of resources)

Lesson 2 -> Water Resources

(Pictorial chart depicting ways of conserving water)

Lesson 3 -> Agriculture

(Map Activity on crops)

Political Science: Lesson 1 -> Power Sharing

(Quiz- Chapter based)

Lesson 2 -> Federalism

Map Activity on:

Any 2 states that have changed their names after 1947

2 states that have been carved out of a bigger state

3 states that were not created on the basis of language

Lesson 3 -> Gender, Religion and Caste

(Survey about the household duties performed by female/male members in the family)

Economics: Lesson 1 -> Development

Visit a slum area and analyze and draw a conclusion over their development needs

Lesson 2 -> The sectors of the Indian economy (PPT on various sectors of economy).

SYLLABUS OF PRE-BOARD

History: Lesson 1 -> The rise of Nationalism in Europe

Lesson 2 -> Nationalism in India

Lesson 4 -> Making of the Global world (worksheet)

Lesson 7 -> Print culture and the modern world. Quiz (chapter based)

Geography: Lesson 1 -> Resource and Development

Lesson 2 -> Water Resources

Lesson 3 -> Agriculture

Lesson 4 -> Mineral and Energy Resources

(Slogan writing on conservation of minerals)

Lesson 5 -> Manufacturing Industries

Case study on any one industry of Punjab

Lesson 6 -> Lifelines of national economy

Wall magazine on types of tourism in India

Political Science: Lesson 1 -> Development

Lesson 2 -> Federalism

Lesson 4 -> Gender, Religion and Caste

Lesson 6 -> Political Parties

Activity on making various symbols of National Parties

Lesson 7 -> Outcomes of Democracy

Poster making on diversity no India

Lesson 8 -> Challenges to Democracy(Worksheet)

Economics: Lesson 1 -> Development

Lesson 2 -> The sectors of the Indian economy.

Lesson 3 -> Money and Credit

Cheque filling activity

Lesson 4 -> Globalization and the Indian Economy

Collect pictures/wrappers of products manufactured by companies in India.

Present them artistically.

PROJECT WORK

Consumer Awareness *or* Sustainable Development *or* Social Issues

Information Technology

Term I

Part A

Unit 1 Communication Skills

Unit 2 Self-Management Skills

Unit 3 ICT skills, Apply Basic Skills for Care and Maintenance of Computer

Part B

Unit 1: Digital Documentation (Advanced)

Unit 2: Electronic Spreadsheet (Advanced)

Unit 3: Database Management System

Term II

Part A

Unit 4 Entrepreneurial Skills

Unit 5 Green Skills

Part B

Unit 3: Database Management System

Unit 4: Web Applications and Security

Music

Term –I

1. Shabad
2. Patriotic Song
3. Bhajan
4. Alankar

Term-II

1. Hindi song
2. Shabad
3. Raag Bhopali
4. English Song

PHYSICAL EDUCATION

Term - I

P.T. Drill (Standing Physical Exercise)

Specific exercises of the game (Foot Ball, Basket Ball, Volley Ball, Cricket & Badminton)

Fundamental Skills of the Games (Foot Ball, Basket Ball, Volley Ball, Cricket & Badminton)

Term - II

March Past

Advanced Techniques of the games (Foot Ball, Basket Ball, Volley Ball, Cricket & Badminton)

Strategic of the games (Foot Ball, Basket Ball, Volley Ball,

Cricket & Badminton)

ART & CRAFT

Term - I

Art: Folk art, Still Life, Caricature, Market scene.

Posters: Importance of Voting, Eye Donation, Woman- Symbol of Sacrifice.

Craft: Bottle decoration, Paper Sculpture. Flower Making.

Term - II

Art: Snake Charmer, Scene at Sea shore. Children Playing in the Park, Vegetable Seller, Still life (Water Colours).

Posters: Do not waste food, Moral Education, Blood Donation, No Tobacco Day.

Craft: Ribbon Weaving, Wall hanging.