

## CLASS- IX

## ENGLISH LANGUAGE

## March

## A guide to writing

**Students will learn, writing, reflection and self-expression.**

## 1. Guidelines on writing of Compositions

Students will learn and apply techniques to develop and present a personal narrative memoir. They will take their writing through all stages of the writing process. It will help them understand plot, dialogue, transitions and descriptive details.

## Narrative Writing

It helps students to make their writings more interesting by narrating a tale or a story in a meaningful contexts. It can be real or imaginative.

## Test paper 1-2

## Descriptive Writing

It helps students to make their writings more interesting by using new words in meaningful contexts. It tends to include figurative language such as simile, metaphor and onomatopoeia.

## April

## Reflective Writing

It helps students to learn how to write a coherent idea in first person account. Which leaves a lasting impression on readers.

## Test paper 3-5

## Direct and Indirect Speech

They will learn rules for converting Direct to Indirect Speech and Indirect to Direct Speech.

## Active and Passive Voice

This will help the students distinguish between active and passive voice in sentence and why is it appropriate to use in certain contexts.

## 2. Letter Writing

## Formal Letters

Life is very fast and moving these days so these kind of letters will help them to be precise and short.

## Personal / Informal Letters

Students will learn to write an informal letter to their classmates or to their dear and near ones

## May

3.

## Notice Writing and E-mail Writing

Notice, E-mail

Notices help in observing or paying attention to something. E-mail help our messages to be delivered easily via-digital network. Students learn to be active and be prompt in their work.

## Test paper 6-10

## Classification of sentences

As a student modeling and developing reading fluency, vocabulary, parts of grammar are an important part of their life. Transformation of sentences help them to do so.



July -Test paper 11-15

I Unit Test Syllabus

Reflective Writing / Direct and Indirect speech

Term 2

July

**Functional Grammar** Transformation of sentences

**Learning Outcome-**

Students will practice the rules of transforming sentences

August

Test paper 16-18

**Composition** Argumentative Writing

**Learning Outcome-**

Here the students learn the importance of supporting evidence in an argument. Reognize the difference between ways to organize a written argument as well as writing an essay by using evidence and refuting opposing views.

**Composition** Picture composition

**Learning Outcome-**

To develop writing skills in the context of writing a short story. It also helps the students to develop the ability to identify and use narrative tenses when writing.

Tense

**Learning Outcome-**

At times we face a lot of problem with various kinds of Tense issues. In order to get through these problems, we need to lodge in mind the use of tenses.

**Grammar** Agreement of verb with the subject

**Learning Outcome-**

Students will learn to frame sentences that agrees with the verb form..

September

**Grammar** Synthesis of Sentences

**Learning Outcome-**

It is very necessary to speak properly and correctly in our day to day life. Correct sentence structure is very important for this.

October

Test paper 19-20

**Grammar** Sequence of tenses

**Learning Outcome-**

It is very necessary to speak properly and correctly in our day to day life.its not about the words we learn its about the way we say.

Preposition

**Learning Outcome-**

Students will be able to define their sentences with proper use of preposition and their right placement.

Term 3

November Test paper 21-25

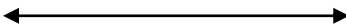
December Revision-Preposition

January Revision

February Revision

II Unit Test Syllabus –

Notice / E-mail / Transformation of sentences.





## ENGLISH LITERATURE

---

### Term 1

#### **March**

##### **Play**

Act 1 ScI[Pages 20 -25] + WB

##### **Learning Outcome –**

Students will be able to summarize key plot points, analyze characters and how they develop the plot. Students are also made aware of the working class in the society and how hard their lives are.

##### **Prose**

Bonku Babu's Friend + WB

##### **Learning Outcome –**

Through this prose students are made aware about the society. Your known people can bully you but to overcome this social evil you need to stand upright and fight this social evil out.

##### **Poetry**

A Work of Artifice + WB

##### **Learning Outcome –**

It teaches that man can with his acumen achieve yet a thought to think whether this work of Artifice is at all needed.

#### **April**

##### **Play**

Act 1 ScII [Pages 26 – 47] + WB

##### **Learning Outcome-**

Students get to learn about many superstition that was prevalent in the society during those days and also they learn about Soothsayers or future tellers in this context. They get introduced to astrology which is still prevalent nowadays.

##### **Prose**

Oliver Asks for More + WB

##### **Learning Outcome-**

Students are made aware of the practical situations in life. They come to know about Orphanages and their pathetic condition during mid – 19th century Industrial Age England. Childhood can at times be difficult so its very necessary to keep your calm and overcome the situations.

##### **Poetry**

Skimbleshanks: The Railway Cat + WB

##### **Learning Outcome-**

It teaches us punctuality and work prescribed according to time (Cats are Metamorphical representation of human variety, however skimbleshanks behaviour should be as he regularly and attentively does his course every night).

#### **May**

##### **Play**

Act I Sc III [Pages 48 – 59] + WB

##### **Learning Outcome –**

Students are getting introduced to the ill omens and about the natural calamities. These omen or Calamities can be a sign of some ill happenings.

##### **Play**

Act II Sc I [Pages 60 – 73] +WB

##### **Learning Outcome –**

Students come to learn some of the life challenges. At any point of time, your life is in danger. At times

we cannot trust our own people also. Among this mistrust, you have to learn to build up this trust.

##### **Prose**

The Model Millionaire + WB

##### **Learning Outcome –**

Appearances can be deceptive. At times we see something else and in reality its something else. The act of generosity and normalization of charity without any expectation of reward in return is the biggest virtue of a person.

##### **Poetry**

I Remember, I Remember + WB

##### **Learning Outcome –**

Students are stirred to recapture their childhood memories and compare it with the present. It may be the same as it used to be but the mindset that changes, make them think that the World is as we perceive it at different times.

#### **July**

##### **Play**

Act I and Act II Sc I [Pages 74 – 85] + WB

##### **Learning Outcome–**

Students are made aware of the danger and atrocities of life. Life can be very challenging at times. It's very important to accept these challenges in life and go ahead.

##### **Prose**

Bonku Babu's Friend + WB

##### **Learning Outcome –**

Through this prose students are made aware about the society. Your known people can bully you but to overcome this social evil you need to stand upright and fight this social evil out.



**Poetry** A Work of Artifice and A Doctor's Journal Entry for August 6, 1945 + WB

**Learning Outcome –**

The account of the attack on the Japanese city as observed by the narrator is an eye opener for the learners of today. To what degree a senseless War can bring shame and destruction on humanity.

**I Unit Test Syllabus –**

Bonku Babu's Friend

**Term 2**

**July**

**Play** -

**Prose** **Revision plot discussion**

**Poetry** -

**August**

**Play** Act II Sc II [Pages 86-95] + WB

**Learning Outcome –**

Difficult situations can come anytime in our life where we have to use our wisdom to overcome them. Through this act and scene children are taught and made aware of these situations.

**Prose**

Oliver asks for more and The Home – Coming + WB

**Learning Outcome –**

Students are taught the themes of adolescence, neglect, responsibility, love and isolation. Here they also understand the pains of homesickness, rejection and isolation.

**Poetry**

Skimbleshanks: The Railway Cat

**Learning Outcome–**

It teaches us punctuality and work prescribed according to time (Cats are Metamorphical representation of human variety, however skimbleshanks behaviour should be as he regularly and attentively does his course every night).

**September**

**Play** Act II Sc III and Sc IV [Pages 96 – 101] + WB

**Learning Outcome –**

Life has so many things to deal with. Misadventure do not befall intimating us but it falls all of a sudden. They also learn that when a person has fear of death, the person does not get confidence in moving around freely. Fear and anxiety is depicted in these scenes.

**Prose**

The Model Millionaire and The Boy Who Broke the Bank + WB

**Learning Outcome –**

It shows the damage a carelessly spoken word can wreak. The plight of children forced to work, the frightening effect of rumours and untruths finds powerful expression through this story which helps the children understand these facts.

**Poetry** -

**October**

**Play** -

**Poetry**

I Remember, I Remember

**Learning Outcome –**

Students are stirred to recapture their childhood memories and compare it with the present. It may be the same as it used to be but the mindset that changes, make them think that the World is as we perceive it at different times.

**Poetry**

The Night Mail + WB

**Learning Outcome –**

There is so much happening around the World and the meticulous work of the nightmail moving through dark night to deliver posts, shows its hardships. The poem may be outdated for this 21<sup>st</sup> century as postal services, much of it has been taken over by digital network and children of today have to make and understand and feel how it was to receive letters those days.

**Term 3**

**November**

**Play** Act II Sc I – IV [Pages 60 – 101] + WB

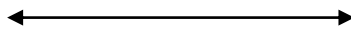
**Learning Outcome –**

Students are made aware of the true facts of life and how to handle those situations.



<b>Prose</b>	<b>Critical Analysis</b>
<b>Poetry</b>	<b>Critical Analysis</b>
<b>December</b>	
<b>Play</b>	<b>Revision - Character Sketch</b>
<b>Prose</b>	<b>Revision - Critical Analysis</b>
<b>Poetry</b>	<b>Revision - Poet's introspect</b>
<b>January</b>	
<b>Play</b>	<b>Revision - Character sketch</b>
<b>Prose</b>	<b>Revision - Critical Analysis</b>
<b>Poetry</b>	<b>Revision – Poet's introspect</b>
<b>February</b>	
<b>Play</b>	<b>Revision - Character sketch</b>
<b>Prose</b>	<b>Revision - Critical Analysis</b>
<b>Poetry</b>	<b>Revision – Poet's introspect</b>

**II Unit Test Syllabus –**  
Act II sc I-III



**HINDI LANGUAGE**

**Term 1**

**March**

प्रस्ताव–

1–प्रिय ऋतु एवं त्योहार

सीखने का प्रतिफल–

हमारे देश में आने वाली ऋतुओं का क्रमिक बोध होता है।

2–अच्छा पड़ोसी

सीखने का प्रतिफल–

पड़ोसियों के साथ सदैव अच्छा व्यवहार करना चाहिए इसका बोध होता है।

3–फैशन का दुष्प्रभाव

सीखने का प्रतिफल–

फैशन का प्रभाव सब पर पड़ता है लेकिन अपनी मर्यादा में रहकर ही अपनाना चाहिए।

4–प्रेम मानवीय मूल्यों का आधार

सीखने का प्रतिफल–

प्रेम आपसी संबंधों को मजबूत करने के साथ-साथ सामाजिक और राष्ट्रीय संबंधों को मजबूत करता है।

5–बचपन की सुखद घटना

सीखने का प्रतिफल–

घटनाएँ मनुष्य की जीवन शैली को बदल देती हैं।

कहानी–

48–‘ईश्वर की माया कहीं धूप कहीं छाया’

सीखने का प्रतिफल–

ईश्वर की कृपा से ही संसार चलता है।

चित्र अध्ययन–1, 2 पेज नं0 122

सीखने का प्रतिफल–

वस्तु स्थिति को ग्रहण करने, भावों की सूक्ष्मता तथा रचनात्मक शक्ति का विकास होता है।

पर्यायवाची शब्द–अंक से किरण तक पेज नं0 247–248 तक

सीखने का प्रतिफल–

भाषा के सौंदर्य को बढ़ाने में सहायक होते हैं।

विलोम शब्द– अधम से आग्रह तक पेज नं0 256

सीखने का प्रतिफल–

विपरीतार्थक भाषा हास्य व्यंग्य उत्पन्न कर उसे प्रभाव पूर्ण बनाती है।



औपचारिक पत्र—

14—प्रधानाचार्य को छात्रवृत्ति के लिए प्रार्थना पत्र।

15—कक्षा अध्यापक से क्षमा पत्र।

16—प्रधानाचार्य को बस की यात्रा—पथ परिवर्तित करने के लिए प्रार्थना— पत्र।

सीखने का प्रतिफल—

औपचारिक पत्रों द्वारा संबंधित व्यक्ति को सूचनाएँ तथा तथ्यों को पहुँचाने की कला का विकास होता है।

## April

प्रस्ताव—

6 समय का महत्त्व

सीखने का प्रतिफल—

जो व्यक्ति समय को नष्ट करता है, समय उसे नष्ट कर देता है, नियत समय पर कार्य करना चाहिए।

7 जादू के तमाशे

सीखने का प्रतिफल—

लगातार अभ्यास करने से हाथ की गति दिमाग की गति से तीव्र हो जाती है। और लोगों को चमत्कृत करती है।

8—मोबाइल फोन

सीखने का प्रतिफल—

मोबाइल संचार माध्यमों में एक अभूतपूर्व क्रांति है जो एक जादुई चिराग की तरह है।

तत्सम—अचरज से भगत तक पेज नं0 254

सीखने का प्रतिफल

हिंदी भाषा को शुद्ध रूप में लिखने में सहायक होते हैं।

अनेकार्थी शब्द— 1से 20 तक पेज नं0 264

सीखने का प्रतिफल—

एक शब्द से भिन्न—भिन्न अर्थों का ज्ञान होता है।

एकार्थक शब्द— 1 से 8 तक पेज नं0 267

सीखने का प्रतिफल—

शब्दों के अर्थ में समानता होते हुए भी सूक्ष्म अंतर स्पष्ट होता है।

अनेक शब्दों के लिए एक शब्द— 1से 30 तक पेज नं0 271 —272 तक

सीखने का प्रतिफल— शब्द समूह के लिए एक शब्द का ज्ञान होता है।

विशेषण— धर्म से चिंता तक पेज नं0 232

सीखने का प्रतिफल—

संज्ञा सर्वनाम की विशेषताओं का ज्ञान होता है।

भाववाचक संज्ञा— अतिथि से निज तक पेज नं0 215

सीखने का प्रतिफल—संज्ञा के गुण दोष भाव तथा दशा का बोध होता है।

मुहावरे— 1 से 25 तक पेज नं0 312— 313

सीखने का प्रतिफल—

भाषा को प्रभाव शाली बनाने के लिए मुहावरो का प्रयोग किया जाता है।

अपठित गद्यांश— 1 से 3 तक

सीखने का प्रतिफल—

भावग्रहण, मूलभाव, अर्थग्रहण, तथा रचनात्मक शक्ति का विकास होता है।

वाक्य परिवर्तन पेज नं0 298

सीखने का प्रतिफल—

वाक्य को विभिन्न शब्दों का प्रयोग कर लिखने का ज्ञान होता है।

व्याकरण खण्ड— सर्वनाम, विशेषण

सीखने का प्रतिफल—

संज्ञा के स्थान पर प्रयोग किए जाने वाले शब्दों का ज्ञान। सर्वनाम व संज्ञा की विशेषता बताने वाले शब्दों का ज्ञान।

शुद्ध—अशुद्ध—

आलोचना से दिवाली तक पेज नं0 287—288

सीखने का प्रतिफल—

व्याकरण के आधार पर अशुद्ध शब्दों को शुद्ध करने का ज्ञान।



## May

प्रस्ताव—

9—जीवन का लक्ष्य

सीखने का प्रतिफल—

भावी जीवन में कुछ न कुछ लक्ष्य निर्धारित करके अपने जीवन को सार्थक बनाना चाहिए।

10—अमूल्य सबक

सीखने का प्रतिफल—

धन के महत्त्व को नकारा नहीं जा सकता परंतु धन को ही मानवीय प्रतिष्ठा का आधार नहीं माना जा सकता।

जैसे मन की शांति, सद्विचार, उज्ज्वल चरित्र कोई भी खरीद नहीं सकता हैं। बोध होता है।

कहानी—

49—‘ मनुष्य है वही जो मनुष्य के लिए मरे ’

सीखने का प्रतिफल—

जो व्यक्ति, घर, परिवार, समाज, राष्ट्र के लिए कार्य करे, सेवा करे, वही मनुष्य है।

## July

अनौपचारिक पत्र—

1—मित्र को इंटरनेट के प्रयोग से होने वाले लाभ और हानियों के बारे में अवगत कराना।

2—छोटे भाई को खेल के महत्त्व के बारे में बताना।

3—भाई बहन को ‘समय के सदुपयोग’ के महत्त्व के बारे में।

सीखने का प्रतिफल—

अनौपचारिक पत्रों द्वारा स्वजनों से बात करने का बोध होता है।

## 1 Unit Test Syllabus-

पर्याय वाची, विशेषण, भाववाचक, वाक्य परिवर्तन, अनेक शब्दों के लिए एक शब्द, मुहावरे।

## Term 2

### July

क्रिया, वाच्य परिवर्तन

सीखने का प्रतिफल—

किसी वस्तु या व्यक्ति की अवस्था अथवा स्थिति का बोध होता है।

### August

क्रिया, वाच्य परिवर्तन

सीखने का प्रतिफल—

किसी वस्तु या व्यक्ति की अवस्था अथवा स्थिति का बोध होता है।

प्रस्ताव—

11—विज्ञापन

सीखने का प्रतिफल—

विज्ञापन उत्पादकों तथा उपभोक्ताओं दोनों को लाभान्वित करता है।

12—आदर्श अध्यापक

अध्यापक शिक्षा प्रणाली के आधार स्तंभ माने जाते हैं। वे बालकों को आदर्श व्यक्तित्व प्रदान करते हैं।

13—महिला आरक्षण

सीखने का प्रतिफल—

भारत एक लोकतंत्रात्मक देश है अतः महिला सांसदों को निरपेक्ष व सकारात्मक भाव से काम करने दिया जाना चाहिए।

14—नारी और नौकरी

सीखने का प्रतिफल—

स्त्री और पुरुष समाज रूपी गाड़ी के दो पहिए हैं। अतः समाज की उन्नति एवं विकास के लिए दोनों का सुदृढ़ होना आवश्यक है।

50—कहानी— ‘बोए पेड़ बबूल का तो आम कहाँ से होए’

सीखने का प्रतिफल—

बुरे कार्य का फल भी बुरा होता है। इसलिए बुरे कार्य नहीं करने चाहिए।



चित्र अध्ययन— 3, 4 पेज नं0 123

सीखने का प्रतिफल—

भावों की सूक्ष्मता तथा रचनात्मक शक्ति का विकास होता है।

अनौपचारिक पत्र—

4—छोटे भाई को स्वस्थ शरीर के बारे में।

5—मित्र की बहन के विवाह में सम्मिलित न हो सके, कारण सहित क्षमा याचना कीजिए।

सीखने का प्रतिफल—

अनौपचारिक पत्रों द्वारा स्वजनों से बात करने का बोध होता है।

पर्यायवाची शब्द—कृपा से देह पेज नं0 249

सीखने का प्रतिफल—

भाषा के सौंदर्य को बढ़ाने में सहायक होते हैं।

विशेषण— सम्मान से घूम तक पेज नं0 233 — 234 तक

सीखने का प्रतिफल—

संज्ञा सर्वनाम की विशेषताओं का बोध होता है।

विलोम—आशीर्वाद से ऐश्वर्य तक पेज नं0 257

सीखने का प्रतिफल—

विपरीतार्थक भाषा हास्य व्यंग्य उत्पन्न करके भाषा को प्रभावशाली बनाती है।

मुहावरे— 26 से 50 तक पेज नं0 313 — 314 तक

सीखने का प्रतिफल—

भाषा को चमत्कृत एवं प्रभाव शाली बनाने के लिए मुहावरों का प्रयोग किया जाता है।

लोकोक्तियाँ— 1 से 10 तक पेज नं0 319

सीखने का प्रतिफल—

लोकोक्तियाँ पूरे वाक्य के रूप में प्रयुक्त होती हैं। इनमें अप्रस्तुत कथन को प्रकट करने की क्षमता होती है।

व्याकरण खण्ड— काल पेज नं0

सीखने का प्रतिफल—

क्रिया के रूपों तथा समय का बोध कराता है।

वाक्य परिवर्तन— पेज नं0 299

## September

औपचारिक पत्र—

17—प्रधानाचार्य को विद्यालय के पुस्तकालय में हिंदी की पुस्तकें उपलब्ध कराने हेतु पत्र।

18—योग शिक्षा के महत्त्व पर शिक्षा निदेशक को पत्र।

सीखने का प्रतिफल—

औपचारिक पत्रों द्वारा संबंधित व्यक्ति को सूचनाएँ तथा तथ्यों को पहुँचाने का बोध होता है।

कहानी—

51— 'मन के हारे हार है मन के जीते जीत'

सीखने का प्रतिफल—

यदि मन में दृढ़ संकल्प हो, तो कहीं भी विजय व सफलता प्राप्त की जा सकती है।

अनेकार्थी— 21 से 40 तक पेज नं0 264—265 तक

सीखने का प्रतिफल—

एक शब्द के भिन्न—भिन्न अर्थों का ज्ञान होता है।

शुद्ध—अशुद्ध—दुध से रितु तक पेज नं0 288

सीखने का प्रतिफल—

हिंदी भाषा को उसके शुद्ध रूप में लिखने में सहायक होती है।

अनेक शब्दों के लिए एक शब्द— 31 से 50 तक पेज नं0 272— 273 तक

सीखने का प्रतिफल—

वाक्यांश के लिए एक शब्द का ज्ञान होता है।

भाववाचक संज्ञा—आवश्यक से न्यून तक पेज नं0 216

सीखने का प्रतिफल—

संज्ञा के गुण दोष भाव तथा दशा का ज्ञान होता है।

प्रत्यय— 1 से 15 पेज नं0 279

सीखने का प्रतिफल—

मूल शब्दों के अंत में जुड़कर नए शब्दों की रचना करते हैं।



उपसर्ग— 1से 22 तक पेज नं0 277

सीखने का प्रतिफल—

मुल शब्दों के पहले जुड़कर नए शब्दों की रचना करते हैं।

प्रस्ताव—

15—दुर्घटना

सीखने का प्रतिफल—

मनुष्य जीवन वस्तुतः सुख—दुःख की आँख मिचौली है। हमे कभी असावधान नही रहना चाहिए।

16—विद्यार्थी राष्ट्र के कर्ण धार

सीखने का प्रतिफल—

विद्यार्थी को चरित्र निर्माण की ओर विशेष ध्यान देना चाहिए। क्योंकि चरित्रवान ही देश की उन्नति को शिखर पर पहुँचाते हैं।

17— त्योहारों का महत्त्व

सीखने का प्रतिफल—

त्योहारों के द्वारा सांस्कृतिक परंपराओं, रीति—रिवाजों, मान्यताओं तथा उच्च आदर्शों के दर्शन होते हैं।

18— संस्कृति

सीखने का प्रतिफल—

हम अपनी गौरवशाली संस्कृति को अपने जीवन में अपनाएँ तथा उन्ही के अनुकूल चलने का प्रयास करें।

19—परिश्रम और पुरुषार्थ

सीखने का प्रतिफल—

परिश्रम के अभाव में कोई भी कार्य सफल नहीं हो सकता है।

20— जहाँ सुमति तहाँ संपत्ति नाना

सीखने का प्रतिफल—

जहाँ सुमति का राज्य होता है, वहाँ हर प्रकार से धन—दौलत एवं सुख समृद्धि का वास होता है।

अपठित गद्यांश — 4 से 6 तक

सीखने का प्रतिफल—

भावों की सुक्ष्मता तथा रचनात्मक शक्ति का विकास होता है।

## October

व्याकरण खण्ड—वाक्य के अंग तथा संरचना।

सीखने का प्रतिफल—

सार्थक शब्द समूह की रचना के ज्ञान का बोध होगा।

प्रस्ताव—

21—समाचार पत्र

सीखने का प्रतिफल—

समाचार पत्र सामान्य ज्ञान और हमारे मस्तिष्क को जोड़ने वाला एक अद्भुत माध्यम है।

22—सर्कस

सीखने का प्रतिफल—

सर्कस मानव शक्तियों का चमत्कार है। जिसके द्वारा वह अद्भुत खेलों का प्रदर्शन करता है।

23—राष्ट्रीय एकता—

सीखने का प्रतिफल—

एकता एक महान शक्ति है जिसके बल पर राष्ट्र का निर्माण होता है।

24—साक्षरता—

सीखने का प्रतिफल—

साक्षरता सभी समस्याओं का समाधान है।

25—पर्यावरण शुद्धि

सीखने का प्रतिफल—

पर्यावरण को शुद्ध रखना क्यों आवश्यक है। और इसे शुद्ध कैसे रखा जा सकता है। का ज्ञान होता है।

कहानी —

52—बंदर क्या जाने अदरक का स्वाद।

सीखने का प्रतिफल—

अवगुणी व्यक्ति गुणवान की कदर नहीं करता है। इसका बोध होता है।

53—आगे कुँआँ पीछे खाई—



सीखने का प्रतिफल—

बिना सोचे समझे कार्य करने से व्यक्ति चारों ओर से मुसीबत में फँस जाता है।

### **Term 3**

#### **November**

व्याकरण खण्ड – विराम चिह्न

सीखने का प्रतिफल—

अपने भावों का अर्थ स्पष्ट करने के लिए विराम चिह्नों का सहारा लिया जाता है।

चित्रलेखन—5, 6 पेज नं0 123

सीखने का प्रतिफल—

भावों की सूक्ष्मता तथा रचनात्मक शक्ति का विकास होता है।

विलोम शब्द— औचित्य से देव तक पेज नं0 258

सीखने का प्रतिफल—

विपरीतार्थक शब्द हास्य—व्यंग्य उत्पन्न कर भाषा को प्रभावशाली बनाते हैं।

पर्यायवाची शब्द—दैत्य से ब्राह्मण तक पेज नं0 250

सीखने का प्रतिफल—

पर्याय वाची शब्द भाषा के सौंदर्य को बढ़ाने में सहायक होते हैं।

एकार्थक— 9 से 19 पेज नं0 268

सीखने का प्रतिफल—

शब्दों के अर्थ में समानता होते हुए भी सूक्ष्म अंतर का ज्ञान होता है।

तत्सम—मुँह से हाथी तक पेज नं0 255

सीखने का प्रतिफल—

संस्कृत के शब्दों का हिंदी में परिवर्तित शब्दों का ज्ञान होगा।

मुहावरे—51—75 तक पेज नं0 314 —325 तक

सीखने का प्रतिफल —

भाषा को रोचक तथा प्रभावशाली बनाने में मुहावरों का प्रयोग होता है।

लोकोक्तियाँ— 11 से 20 तक पेज नं0 319 —320 तक

सीखने का प्रतिफल—

इससे अप्रस्तुत कथन का सहारा लेकर प्रस्तुत अर्थ को स्पष्ट करने की क्षमता का विकास होगा।

शुद्ध—अशुद्ध घणा से ब्रामहण तक पेज नं0 289

सीखने का प्रतिफल—

हिंदी भाषा को शुद्ध रूप में लिखने में सहायक होते हैं।

वाक्य परिवर्तन पेज नं0 300

सीखने का प्रतिफल—

वाक्य को विभिन्न प्रकार से लिखने का ज्ञान होगा।

अनेक शब्दों के लिए एक शब्द—51 से 71 तक पेज नं0 273

सीखने का प्रतिफल—

शब्द समूह के लिए एक शब्द का प्रयोग का बोध होता है।

भाववाचक संज्ञा—काल से कर्मठ तक पेज नं0 216 —217 तक

सीखने का प्रतिफल—

संज्ञा के गुण—दोष, भाव—दशा का बोध होता है।

विशेषण— कर्तव्य से व्यक्ति तक पेज नं0 235 —237 तक

सीखने का प्रतिफल—

संज्ञा सर्वनाम की विशेषताओं का बोध होता है।

अनेकार्थी—41 से 58 तक पेज नं0 265

सीखने का प्रतिफल—

एक शब्द के भिन्न अर्थों का ज्ञान होता है।

अपठित गद्यांश — 7 से 10 तक

सीखने का प्रतिफल—

भावग्रहण तथा रचनात्मक शक्ति का विकास होता है।



**December**

प्रस्ताव—

26 राष्ट्र भाषा हिंदी

सीखने का प्रतिफल—

बिना 'राष्ट्र भाषा' के 'राष्ट्र भावना' का सकारात्मक व निर्माणात्मक स्वरूप विकसित नहीं हो सकता।

27—कंप्यूटर की उपयोगिता

सीखने का प्रतिफल—

इसका उपयोग सकारात्मक तथा विकासात्मक गतिविधियों के लिए किया जाना चाहिए।

28—जनसंख्या वृद्धि

सीखने का प्रतिफल—

बढ़ती जनसंख्या का प्रभाव भूमि वनों तथा खनिजों पर पड़ता है, जिससे अनेक समस्याओं का जन्म होता है।

29—पुलिस के दायित्व

सीखने का प्रतिफल—

कर्मनिष्ठ, ईमानदार एवं समर्पित देशभक्त नागरिक बनने की प्रेरणा देता है।

30—दूरदर्शन

सीखने का प्रतिफल—

इसके द्वारा हम सुदूर घटित घटनाओं को तत्काल देख सकते हैं

औपचारिक पत्र—

19—प्रधानाचार्य को विद्यालय में प्राथमिक शिक्षा हेतु निवेदन पत्र।

20—नगर में व्याप्त गंदगी से छुटकारा प्राप्त करने हेतु स्वास्थ्य अधिकारी को पत्र।

सीखने का प्रतिफल—

औपचारिक पत्रों द्वारा संबंधित व्यक्ति को सूचनाएँ तथा तथ्यों को पहुँचाने का ज्ञान होता है।

अनौपचारिक पत्र—

7—बड़ी बहन को पत्र लिखकर बताइए कि आपका मन कक्षा में क्यों नहीं लग रहा है।

8—आपने स्वतंत्रता दिवस पर भाषण प्रतियोगिता में भाग लिया, विदेश में रहने वाले मित्र को कार्यक्रम की जानकारी दीजिए।

सीखने का प्रतिफल—

अनौपचारिक पत्रों द्वारा स्वजनों से बात करने के तरीके का ज्ञान होता है।

**January****Revision****February****Revision****II Unit Test Syllabus-**पर्यायवाची शब्द, विलोम शब्द, अनेक शब्दों के लिए एक शब्द, मुहावरे, भाववाचक विशेषण, वाक्य परिवर्तन  
शुद्ध-अशुद्ध**HINDI LITERATURE****Term 1****March**

साहित्य सागर—

संक्षिप्त कहानियाँ 1—बात अठन्नी की

सीखने का प्रतिफल—

अमीरों की हृदयहीनता तथा गरीबों की दयालुता का बोध।

पद्य— 1 साखी

सीखने का प्रतिफल—

बाह्य आडंबरों का विरोध तथा ज्ञान के महत्त्व का बोध होगा।

**April**

एकांकी संचय—1—संस्कार और भावना

सीखने का प्रतिफल—

हमे संस्कारों का दास नहीं होना चाहिए।



एकांकी संचय— 2 बहू की बिदा

सीखने का प्रतिफल—

जब तक हम बहू और बेटी को समान नहीं समझेंगे तब तक हमारी बेटियों को दहेज न लाने पर यात्नाएँ सहनी पड़ेंगी।

## May

साहित्य सागर

संक्षिप्त कहानियाँ— 2 काकी

सीखने का प्रतिफल—

अबोध बालक मातृवियोग की पीड़ा सहन नहीं कर पाते।

## July

पद्य— 2 गिरधर की कुण्डलियाँ

सीखने का प्रतिफल—लोकाचार व्यवहार का बोध होता है।

## 1 Unit Test Syllabus-

साहित्य सागर

संक्षिप्त कहानियाँ— बात अठन्नी की

## Term 2

### July

साहित्य सागर

संक्षिप्त कहानियाँ— 3 महायज्ञ का पुरस्कार

सीखने का प्रतिफल—

कष्ट सहन करके दूसरे के कष्टों का निवारण ही सच्चा मानव धर्म है। कर्मों का फल सब को मिलता है।

### August

साहित्य सागर

संक्षिप्त कहानियाँ—3 महायज्ञ का पुरस्कार

सीखने का प्रतिफल—

कष्ट सहन करके दूसरे के कष्टों का निवारण ही सच्चा मानव धर्म है। कर्मों का फल सब को मिलता है।

पद्य—3 स्वर्ग बना सकते हैं।

सीखने का प्रतिफल—

यदि स्वार्थी अपने लिए संचय करने की प्रवृत्ति को त्याग दे तो इस धरती को स्वर्ग बनाया जा सकता है।

साहित्य सागर

संक्षिप्त कहानियाँ—4 नेता जी का चश्मा

सीखने का प्रतिफल—

देश प्रेम के लिए किसी विशेष साधन की नहीं अपितु भावना की आवश्यकता होती है।

पद्य—4 वह जन्म भूमि मेरी

सीखने का प्रतिफल— भारतभूमि हमारी जन्मभूमि, पुण्यभूमि, स्वर्णभूमि, युद्धभूमि तथा बुद्धभूमि है।

### September

एकांकी संचय—3 मातृभूमि का मान

सीखने का प्रतिफल—

राजपूतों के लिए अपनी मातृभूमि का मान सर्वोपरि होता है।

### October

### Revision

## Term 3

### November

साहित्य सागर—

संक्षिप्त कहानियाँ —5 अपना—अपना भाग्य



सीखने का प्रतिफल—

अमीरों द्वारा गरीबों की उपेक्षा, बालश्रम के दर्द का बोध होता है।

साहित्य सागर—

संक्षिप्त कहानियाँ —6 बड़े घर की बेटी

सीखने का प्रतिफल—

स्त्रियों की सहनशीलता तथा परिस्थिति के अनुसार खुद को ढालने की कला ही परिवार को एक जुट बनाकर रखती है।

पद्य— 5 मेघ आए

सीखने का प्रतिफल—

प्रकृति मानव की तरह ही काम करती है।

पद्य— 6 सूर के पद

सीखने का प्रतिफल—

स्वाभाविकता, सरसता, एवं मार्मिकता में सूर का काव्य अद्वितीय है।

## December

एकांकी संचय— 4 सूखी डाली

सीखने का प्रतिफल—

यदि परिवार का मुखिया दूरदर्शी बुद्धिमान तथा व्यवहार कुशल हो तो विभिन्न स्वभाव के लोगों को एकता में बाँधे रखता है।

## January

## Revision

## February

## Revision

## II Unit Test Syllabus-

संक्षिप्त कहानियाँ— 5 अपना—अपना भाग्य



## HISTORY / CIVICS

### Term 1

#### March

#### History

#### Chapter 1

#### The Harappan Civilisation

#### Mapbook:-

#### Chapter 1 – The Harappan Civilization

#### Learning Outcome-

Learner will be able to know about the origin, extent and important features of the Harappan Civilisation.

#### Civics

#### Chapter 1

#### Making of our Constitution and its Preamble

#### Learning Outcome-

Learner will be able to know the meaning and making of the constitution of India and its Preamble.

#### Chapter 2

#### Basic Features of the Constitution

#### Learning Outcome-

Learner will be able to know the Salient Features of the Constitution of India.

#### April

#### History

#### Chapter 2

#### The vedic Period – The Early and Later Vedic Period

#### Mapbook:-

#### Chapter 2 – The Vedic Period

#### Learning Outcome-

Learner will be able to recognise the Features and Sources of Information of the Vedic Period.

#### Chapter 3

#### Jainism and Buddhism

#### Mapbook:-

#### Chapter 3 – Jainism and Buddhism

#### Learning Outcome-

Learner will be able to recognise the causes of the rise of Jainism and Buddhism along with their Doctrines.



**Chapter 4**

**Mapbook:-**

**Learning Outcome-**

This lesson helps to get the knowledge of political History and administration of the Mauryan Empire.

**The Mauryas**

Chapter 4 – The Mauryan Empire

**Chapter 5**

**Mapbook:-**

**Learning Outcome-**

Learner will be able to know about the society and economy of the Sangam Age.

**The Sangam Age**

Chapter 5 – The Sangam Age

**May**

**History**

**Chapter 6**

**Mapbook:-**

**Learning Outcome-**

Learner will be able to recognise the Sources, Society and administration of the Gupta Period.

**Age of the Guptas**

Chapter 6 – The Age of the Guptas

**Civics**

**Chapter 3**

**Learning Outcome-**

Learner will be able to recognise our Fundamental Rights, Given in our Constitution.

**Fundamental Rights**

**July**

**Civics**

**Chapter 4**

**Learning Outcome-**

Learner will be able to recognise our Fundamental Duties, Given in our constitution.

**Fundamental Duties**

**I Unit Test Syllabus**

**History**

**Chapter 1**

**The Harappan Civilisation**

**Term 2**

**July**

**History**

**Chapter 7**

**Mapbook:-**

**Learning Outcome-**

Learner will be able to recognise the political history and administration of the cholas.

**Medieval India – South India and the Cholas**

Chapter 7- Medieval India: The Cholas

**August**

**History**

**Chapter 7**

**Chapter 8**

**Mapbook:-**

**Learning Outcome-**

Learner will be able to recognise the sources, political history and the administration of the Sultanate period.

**Medieval India – South India and the cholas (To be continued)**

**Medieval India – The Delhi Sultanate**

Chapter 8 – The Delhi Sultanate

**September**

**Civics**

**Chapter 5**

**Learning Outcome-**

Learner will be able to recognise the meaning of Directive Principles of State Policy and Welfare State.

**Directive Principles of State Policy**

**Chapter 6**

**Learning Outcome-**

Learner will be able to know the meaning of Elections and its kinds.

**Elections**

**Chapter 7**

**Learning Outcome-**

Learner will be able to know the meaning and functions of the Local Self Government for the Rural areas.

**Local Self – Government – Rural Bodies**

**October**

**History**

**Chapter 9**

**Mapbook:-**

**Learning Outcome-**

Learner will be able to recognise the political history and the administration of the Mughal Period.

**Age of the Mughals**

Chapter 9 – The Mughal Empire



**Chapter 10**  
**Mapbook:-**  
**Learning Outcome-**  
Learner will be able to know the sources and significance of Bhakti Movement and Sufism.

**Composite Culture**  
Chapter 10 – Composite Culture

**Term 3**  
**November**  
**History**  
**Chapter 1**  
**Mapbook:-**  
**Learning Outcome-**  
Learner will be able to get the meaning and causes of Renaissance.

**Contemporary World**  
**Modern Age in Europe – The Renaissance**  
Chapter 11 – Renaissance

**Chapter 2**  
**Mapbook:-**  
**Learning Outcome-**  
Learner will be able to recognise the meaning and causes of Reformation and Counter Reformation.

**Modern Age in Europe – The Reformation**  
Chapter 12 – Reformation

**December**  
**History**  
**Chapter 3**  
**Mapbook:-**  
**Learning Outcome-**  
Learner will be able to recognise the meaning of Industrial Revolution and a comparative Study of Socialism and Capitalism.

**Modern Age in Europe – The Industrial Revolution**  
Chapter 13 – Industrial Revolution

**Civics**  
**Chapter 8**  
**Learning Outcome-**  
Learner will be able to know the meaning and functions of Municipal committees and Municipal corporations.

**Local Self – Government – Urban Bodies**

**January**

**Revision**

**February**

**Revision**

**II Unit Test Syllabus**  
**History**  
**Chapter 1**

**Contemporary World**  
**Modern Age in Europe – The Renaissance**

**GEOGRAPHY**

**Term 1**  
**March**  
**Chapter 1**  
**Mapbook:-**  
**Learning Outcome-**  
Learners will come to know about the solar system, different planets and unique features of the Earth.

**The Earth as a Planet**  
Chapter 1 – The Earth and its Movements

**Chapter 2**  
**Learning Outcome-**  
Learner will recognise why the earth is a home for mankind.

**Earth as the Home of Humankind**

**Chapter 3**  
**Topo Treasure:-**  
**Topo Treasure:-**  
**Learning Outcome-**  
Learner will recognise the concepts of Latitudes and Longitudes, GMT and Eastern and Western Hemisphere.

**Geographical Grid**  
Chapter 1 – Study of Maps  
Chapter 2 – Longitude and Time

**April**  
**Mapbook:-**  
**Chapter 4**  
**Learning Outcome-**  
Learners will to know about rotation and revolution of the earth and seasonal changes.

**Rotation and Revolution**  
Chapter 1 – The Earth and its Movements

**Chapter 5**  
**Mapbook:-**

**Earth’s Structure**  
Chapter 2 – The Earth: Structure and Land forms



**Learning Outcome-**

Learner will come recognise the structure of the earth and its composition.

**Chapter 6**

**Landforms of the Earth**

**Mapbook:-**

Chapter 2 – The Earth: Structure and Landforms

**Learning Outcome-**

Learner will come to know about different Land Forms on the earth and their Importance.

**Chapter 7**

**Rocks and Minerals**

**Mapbook:-**

Chapter 3 – Rocks and Rock Cycle

**Learning Outcome-**

Learner will come to know about rocks and its different types.

**Chapter 8**

**Volcanoes**

**Mapbook:-**

Chapter 4 – Volcanoes

**Learning Outcome-**

Learner will recognise the meaning and types of volcanoes along with their effect.

**May**

**Chapter 9**

**Earthquakes**

**Mapbook:-**

Chapter 5 – Earthquakes

**Learning Outcome-**

Learner will come to know the meaning, causes, effects and different zones of earthquake in the world.

**Chapter 10**

**Weathering**

**Mapbook:-**

Chapter 6 – Weathering and Denudation

**Learning Outcome-**

Learner will recognise the meaning, types and effects of weathering.

**Chapter 11**

**Agents of Denudation: River and wind**

**Mapbook:-**

Chapter 6 – Weathering and Denudation

**Learning Outcome-**

Learner will come to know the meaning and agents of denudation.

**July**

**Chapter 12**

**Movement of ocean water: Currents and Tides**

**Mapbook:-**

Chapter 7 – Tides and Ocean Currents

**Map Work-**

**Mountains**

Rockies, Andes, Carpathians, Alps, Himalayas, Pyrenees, Ural, Kunlun mountains, Tien Shan, Aravali, Eastern ghat and Western ghat, Shields, Plateau and Highlands.

**I Unit Test Syllabus**

**Chapter 1**

**The Earth as a Planet**

**Term 2**

**July**

**Chapter 13**

**Composition and Structure of the Atmosphere**

**Mapbook:-**

Chapter 8 – Composition and Structure of the Atmosphere

**Learning Outcome-**

Learner will recognise the composition and structure of the atmosphere.

**August**

**Chapter 13**

**Composition and structure of the Atmosphere (To be continued)**

**Chapter 14**

**Insolation**

**Mapbook:-**

Chapter 9 – Insolation

**Topo Treasure-**

Chapter 3 – Weather Records

**Learning Outcome-**

Learner will recognise the meaning of insolation and terrestrial radiation.

**September**

**Chapter 15**

**Atmospheric Pressure and Winds**

**Mapbook:-**

Chapter 10 – Atmospheric Pressure, Winds and Humidity

**Topo Treasure-**

Chapter 3 – Weather Records

**Learning Outcome-**

Learner will come to know the concept of air pressure, types of winds and their importance.

**Chapter 16**

**Humidity**

**Mapbook:-**

Chapter 10 – Atmospheric Pressure, winds and Humidity

**Topo Treasure-**

Chapter 3 – Weather Records



**Learning Outcome-**  
Learner will recognise the concept of humidity, condensation, precipitation and types of rainfall.

**October**  
**Chapter 17**  
**Mapbook:-**  
**Pollution and its Types**  
Chapter 11 – Pollution

**Learning Outcome-**  
Learner will get the meaning and types of pollution.

**Map Work-**  
**Oceans and rivers**  
All major oceans, seas, Gulfs and Straits  
All important rivers of the world

**Term 3**  
**November**  
**Chapter 18**  
**Mapbook:-**  
**Sources of Pollution**  
Chapter 11 – Pollution  
**Topo Treasure-**  
Chapter 4 – Map Work  
**Learning Outcome-**  
Learner will recognise the sources of pollution.

**December**  
**Chapter 19**  
**Mapbook:-**  
**Effects of Pollution**  
Chapter 11 – Pollution  
**Topo Treasure-**  
Chapter 4 – Map Work  
**Learning Outcome-**  
Learner will get the effects of pollution on the environment and human health.

**Chapter 20**  
**Mapbook:-**  
**Preventive Measures Against Pollution**  
Chapter 11 – Pollution  
**Topo Treasure-**  
Chapter 4 – Map Work  
**Learning Outcome-**  
Learner will recognise the different preventive measures against pollution.

**January**  
**Chapter 21**  
**Mapbook:-**  
**Natural Regions of the World**  
Chapter 12 – Natural Regions of the World  
**Topo Treasure-**  
Chapter 4 – Map Work  
**Learning Outcome-**  
Learner will get the details of the Natural regions of the World.

**February**  
**Map Work-**  
**Revision**  
Natural Regions of the World - Equatorial, Tropical Mansoon, Tropical Desert, Mediterranean types, Tropical Grass lands, Temperate Grasslands, Taiga and Tundra.

**II Unit Test Syllabus**  
**Chapter 18**  
**Sources of Pollution**



**PHYSICS**

For further details students must go through I.C.S.E. 2026 Syllabus Booklet.

**Term 1**  
**March**  
**Chapter 1**  
**Measurements and Experimentations**  
**Learning Outcome-**  
Students will be able to understand, different systems of units along with symbols.  
Measurements using common instruments like vernier callipers and screw gauge (micro-metre) to measure diameter or radius of spherical body and thickness of wire etc.  
This chapter also deals working of simple pendulum to measure time, frequency and amplitude of an oscillating body.

**Experiment No. 1**  
**The objective of experiment**  
1. To determine least count of Vernier callipers.  
2. To measure the length and diameter of a small cylinder



**April****Chapter 2****Motion in one Dimension****Learning Outcome-**

Students will learn about the types of physical quantities (Scalar and Vector quantities) and difference between them.

Students will be able to understand about rest and motion of objects, different physical quantities like Distance, Displacement, speed and Velocity, and they will be able to understand concept of acceleration, different types of graphs. They will be able to understand equations of motion along with their proofs and numericals based on equations of motion in one dimension.

**Chapter 3****Laws of motion****Learning Outcome-**

After studying this chapter students will be able to understand-

(i) Contact and Non-contact forces with examples. General properties of non-contact forces.

(ii) Newton's first law of motion: Concept of inertia, mass and force. Types of inertia with their examples.

(iii) Newton's Second Law of Motion (Including proof of  $F=ma$ ), mass, weight and difference between mass and weight.

Detailed study of second law, Linear momentum  $p=mv$ , change in momentum  $\Delta p = \Delta(mv) = m\Delta v$  for constant mass and rate of change of momentum and simple numerical problems.

(iv) Newton's Third Law of motion with examples. Examples of action-reaction pairs.

(v) Universal Law of Gravitation with mathematical expression (Proof).

Students will be able to understand concept of Gravity, acceleration due to gravity, free fall. Simple numerical problems based on universal law of gravitation.

**Experiment No. 2****The objective of the experiment:**

1. Determination of Zero error, Zero correction, pitch and least count of a given screw gauge.
2. Determination of the mean radius of a given wire, by taking three sets of readings in perpendicular directions.

**May****Chapter 4****Pressure in Fluids and Atmospheric Pressure****Learning Outcome-**

Students will be able to understand the concept of pressure with depth ( $P=h\rho g$ ), Transmission of pressure in liquids and atmospheric pressure with examples.

They will be able to understand Thrust along with simple daily life examples like broadness of the base of dams and Diver's suit etc. They can understand weather forecasting and altimeter by variation of pressure with altitude.

**Experiment No. 4****The objective of the experiment:**

1. To find volume of a metal bob, by using a measuring cylinder.
2. To find the volume of same metal bob, by using vernier callipers.
3. To comment on the accuracies of the above methods.

**Experiment No. 5****The objective of the experiment:**

1. To find relationship between the effective length of a simple pendulum and its time period ( $T$ ).
2. To plot a graph between the effective length ( $l$ ) and square of time period ( $T^2$ ) and hence find the slope of graph.
3. To calculate acceleration due to gravity using the formula  $g = 4\pi^2 \times \text{slope}$ .

**July****Chapter 4****Pressure in Fluids and Atmospheric Pressure****Learning Outcome-**

Students will be able to understand the concept of pressure with depth ( $P=h\rho g$ ), Transmission of pressure in liquids and atmospheric pressure with examples.

They will be able to understand Thrust along with simple daily life examples like boardness of the base of dams and Diver's suit etc.

They can understand weather forecasting and altimeter by variation of atmospheric pressure with altitude.

**Experiment No. 6****To verify the Archimede's Principle.****Revision****I Unit Test Syllabus****Chapter 2****Motion in one Dimension**



**Term 2****July****Chapter 5****Buoyancy in Fluids: Archimede's Principle and Flootation****Learning Outcome-**

Students will be able to understand Buoyancy, upthrust (FB), different cases ( $FB >$ ,  $=$  or  $< W$ ) weight  $W$  of the body immersed, characteristic properties of upthrust, Archimede's principle and explanation of cases where bodies with density  $\rho >$ ,  $=$  or  $< \rho'$ , the density of Fluid ( $\rho'$ ).

They can understand Relative density (RD), experimental determination of RD of a solid and liquid denser than water. Flootation and principle of floatation. Applications of floatation to ship, submarine, iceberg and balloons etc, and simple numerical problems.

**August****Chapter 5****Buoyancy in fluids: Archimedis Principle and Flootation****Learning Outcome-**

Students will be able to understand Buoyancy, upthrust (FB), different cases ( $FB >$ ,  $=$  or  $< W$ ), weight  $W$  of the body immersed, characteristic properties of upthrust, Archimede's principle and explanation of cases where bodies with density  $\rho >$ ,  $=$  or  $< \rho'$ , the density of fluid ( $\rho'$ ).

They can understand Relative density (RD), experimental determination of RD of a solid and liquid denser than water. Flootation and principle of floatation. Applications of floatation to ship, submarine, iceberg and balloons etc and numerical problems.

**Experiment No. 7****The objective of experiment:**

To find relationship between fahrenheit scale and celsius scale of temperature.

**Chapter 6****Heat and Energy****Learning Outcome-**

After studying this chapter will be able to understand, concept of heat and temperature, Anomalous expansion of water, related graphs between volume and density of water with temperature in the range  $0^{\circ}\text{C}$  to  $10^{\circ}\text{C}$ .

They can understand Hope's experiment and consequences of Anomalous expansion of water.

**Experiment No. 8****The objective of the experiment:**

To find a relationship between the angle of incidence and the angle of reflection, using a plane mirror.

**September****Chapter 6****Heat and Energy****Learning Outcome-**

After studying this chapter students will be able to understand, concept of heat and temperature, Anomalous expansion of water, related graphs between volume and density of water with temperature in the range  $0^{\circ}\text{C}$  to  $10^{\circ}\text{C}$ .

They can understand Hope's experiment and consequences of Anomalous expansion of water.

Energy Sources: Students will be able to understand, Energy flow and its importance, Solar, Wind, Water and nuclear energy. Renewable and non-renewable sources of energy with examples and difference between them.

Global Warming and Green House effect.

**Chapter 7****Reflection of light****Learning Outcome-**

Students will be able to understand, the concept of reflection of light by plane mirrors. Laws of reflection of light, characteristics of images formed in a pair of mirrors parallel and perpendicular to each other.

They will be able to understand spherical mirrors and definitions related to spherical mirrors. Types of images formed by spherical mirrors and their characteristics. Mirror formula and simple numericals based on mirror formula.

**Experiment No. 9****The objective of the experiment:**

To find the relationship between the distance of an object from a plane mirror to the distance of its image from the plane mirror.

**October****Chapter 8****Propagation of Sound Waves****Learning Outcome-**

Students will be able to understand, requirement of medium to travel sound waves, speed of sound is different in different mediums, terms related to sound i.e. frequency ( $f$ ), wavelength ( $\lambda$ ) and wave velocity ( $v$ ) etc., relations  $f = \frac{1}{T}$  ( $T$  is time period) and  $v = f \lambda$ .

They will be able to understand, Infrasonic, sonic, ultrasonic frequencies and their applications.



**Experiment No. 10****The objective of the experiment:**

To find focal length of a concave mirror by:

1. Focussing a distant object on the screen
2. Single pin method, by removing parallax between the object pin and the image.

**Term 3****November****Chapter 9****Current Electricity****Learning Outcome-**

Students will be able to understand, about the concept of electric charge, electric potential, difference and electric current.

They will be able to understand symbols used in electric circuit diagrams. Resistance of a conductor and combination of resistors and simple numerical problems.

Improving efficiency of existing technologies and introducing new eco-friendly technologies.

**Experiment No. 11****The objective of the experiment:**

To draw inferences regarding current and resistance of an electric circuit with the help of electric bulbs when:

1. The bulbs are connected in series.
2. The bulbs are connected in parallel.

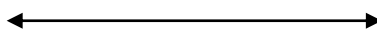
**December****Chapter 10****Magnetism****Learning Outcome-**

Students will be able to understand about the concept of magnetism, magnetism due to bar magnets, induction, lines of magnetic field and their properties, earth's magnetism.

They will be able to understand the concept of electromagnet and its uses.

**Experiment No. 12****The objective of experiment:**

1. To plot magnetic field lines using small tracing compass (without any magnet nearby)
2. To plot magnetic field lines around a magnet placed in the earth's magnetic meridian, such that north pole of the magnet points towards geographic north.

**January****Revision****February****Revision****II Unit Test Syllabus****Chapter 9****Current Electricity****CHEMISTRY****TERM 1****March****Chapter 1****Language of chemistry****Learning outcome-**

- Students will be able to know symbol of an element, valency, formulae of radicals and formulae of compounds. Balancing of simple chemical equations.
- Students will be able to know relative atomic masses and relative molecular masses.

**Practical work:**

Recognition and identification of gases.

**April****Chapter 2****Chemical changes and reactions****Learning outcome-**

- Students will be able to write types of chemical changes with examples and energy changes in a chemical change.
- Students should have an idea about Analyse and differentiate between various types of chemical reactions. Express chemical reaction through a chemical equation. Provide examples for different types of chemical reactions. Predict the products of a chemical reactions.

**Chapter 3****Water****Learning outcome-**

- Students will be able to explain water as a universal solvent.
- Students will be able to solubility, Hydrated and anhydrous substances efflorescence, deliquescent, hygroscopy.



**Practical work:** Action of heat on a given chemical compound.

**May**

**Chapter 4 Atomic Structure and chemical bonding**

**Learning outcome-**

- Students will be able to explain structure of an Atom, mass number and atomic number, isotopes and octet Rule.
- Students will be able to explain electrovalent and covalent bonding, structures of various compounds – orbit structure

**Practical work:** Action of dilute sulfuric acid on given substances

**July**

**Chapter 4 Atomic structure and Chemical bonding**

**Practical work:** Application of flame test for identification of metallic radicals(Cations)

**I Unit Test Syllabus-**

**Chapter 1 Language of chemistry**

**TERM 2**

**July**

**Chapter 5 The Periodic Table**

**Learning outcome-**

- Students will be able to explain Dobereiner's Triads, Newland's law of octaves, Mendeleev's contributions, modern periodic law, the modern periodic table.
- Understand that elements are placed on the periodic table due to similar properties. Identify a period and a group on the periodic table. List at least three metals, nonmetals and metalloids. List at least two properties of each: metals, nonmetals and metalloid

**August**

**Chapter 5 The Periodic Table**

**September**

**Chapter 6 Study of the first element- Hydrogen**

**Learning outcome-**

- Students will be able to understand the action of sodium and calcium on water in the laboratory.
- Students will be able to understand application of activity series for the reactions.
- Students will be able to position of the non-metal (Hydrogen) in the periodic table and general group characteristics with reference to valency electrons, burning, ion formation.

**Practical work:** Experiment based on hard water and soft water.

**Chapter 7**

**Study of gas laws**

**Learning outcome-**

- Students will be able to explain the behaviour of gases under changes of temperature and pressure
- Students will be able to explain in terms of molecular motion (particles, atoms, molecules); Boyle's Law and Charles' Law; absolute zero; gas equation; simple relevant calculations.

**Practical work:** Experiment based on water pollution

**October**

**Chapter 7 Study of gas laws**

**TERM 3**

**November**

**Chapter 8 Atmospheric pollution**

**Learning outcome-**

- Acid rain and composition of acid rain
- Student will be able to explain Global warming and green house gases.
- Student will be able to explain Ozone depletion, formation of ozone, function of atmosphere and destruction of ozone layer.

**December**

**Chapter 9 Practical Work**

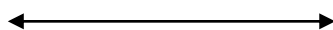
**Learning outcome-**

- Students will be able to explain Identification of colour, odour and flame test of certain gases.
- Students will be able to explain action of heat on compounds.
- Students will be able to explain soft water, hard water, temporary and permanent hardness.

**January**

**Revision**



**February****Revision****II Unit Test Syllabus-****Chapter 8****Atmospheric pollution****BIOLOGY**

---

**Term 1****March****Chapter 2****Cell: The Basic unit of life****Learning Outcome-**

After studying this chapter students will be able to understand the following topics-

A basic understanding of the cell theory

Structure and functions of plant cell and Animal cell, cell organelles

Differences between prokaryotic and Eukaryotic cell, Plant cell and Animal cell

**(Plant Life)****Experiment 1**

The examination of an onion peel under the microscope to study the various parts of Plant cell

**April****Chapter 3****Plant and Animal tissues****Learning Outcome-**

After studying the chapter students will be able to know about the following topics of tissue – Tissues:

Types of plant and animal tissues (Location, basic structure and functions with examples)

Role of tissues in different physiological processes in plants and animals.

**Chapter 4****Flower****Learning Outcome-**

After studying the chapter students will be able to understand the following points regarding flower

Structure of a bisexual flower, functions of various parts.

Complete and incomplete flower, Essential and non-essential Whorls, technical terms related to it.

Inflorescence and Placentation.

**Chapter 5****Pollination****Learning Outcome-**

Students will be able to understand the following points

Pollination. Self and Cross – pollination

Advantages and disadvantages of self and cross pollination.

Agents of pollination and characteristic features of flowers adapted for insect, wind and water pollination.

**Experiment 2-**

To study the morphological characters of a cross pollinated flower. Eg-Hibiscus rosa-sinensis

**May****Chapter 6****Fertilization****Learning Outcome-**

Students will be able to understand the following concepts regarding fertilization.

Fertilization (Meaning of the term)

Events taking place between pollination and fertilization

Idea about triple fusion and double fertilization

Brief idea of fruit and seed

**Chapter 7****Seed: Structure and Germination****Learning Outcome-**

Students will be able to understand the following topics regarding seed and its germination

Seed (how it develops)

Dicot and Monocot Seeds with examples

Structure and germination of Bean Seed and Maize grain

Drawing and labelling of different kinds of Seed and germination processes.

Conditions for Seed germination with examples

**Experiment 3-**

To study the structure of germinating seeds with plumule and radicle eg-Bean seed and Maize grain.

**July****Chapter 8****Respiration in Plants**



### **Learning Outcome-**

Students will be able to understand the following topics-

Definition of respiration, process with equation

Idea regarding Glycolysis and Krebs Cycle (Products and their Significances)

Aerobic and Anaerobic respiration with chemical equations

Experiments based on gaseous exchange and on heat production.

### **(Animal life)**

#### **Experiment 1-**

To prepare stained temporary mount of human cheek cells to study the various parts of an animal cell under the microscope.

### **I Unit Test Syllabus**

#### **Chapter 2**

#### **Cell: The Basic unit of life**

#### **Term 2**

#### **July**

#### **Chapter 9**

#### **Five Kingdom classification**

#### **Learning Outcome-**

Students will be able to understand the following topics-

Hierarchy of classification

Main characteristics of each kingdom with suitable examples. (Kingdom Monera, Protista, Fungi, Plantae and Animalia)

#### **August**

#### **Chapter 9**

#### **Five kingdom classification**

#### **Chapter 10**

#### **Economic importance of Bacteria and fungi**

#### **Learning Outcome-**

Students will be able to understand the following topics-

Useful role of Bacteria in the field of Medicine, Agriculture and Industry.

Medicine: Antibiotics, Serum and vaccines.

Agriculture: Nitrogen cycle ( $N_2$  fixation and denitrification)

Industry: Curing of tea, tanning of leather

Harmful role of bacteria in spoilage of food, diseases in plants and animals, Bio-weapons.

Idea regarding useful role of fungi in Breweries, bakeries, cheese processing and Mushroom cultivation.

#### **Chapter 11**

#### **Nutrition**

#### **Learning Outcome-**

Students will be able to understand the following topics-

Classes of food (Carbohydrates, Proteins, Fats, Mineral Salts and vitamins)- their Sources and functions in human body.

Malnutrition and deficiency diseases.

Importance of the term Balanced diet

Causes and Symptoms of PEM – (Kwashiorkor and Marasmus)

#### **Experiment 2-**

Identification of Sugar, Starch, Protein and Fat through conduct of relevant tests.

#### **September**

#### **Chapter 12**

#### **Digestive System**

#### **Learning Outcome-**

Students will be able to understand the following topics-

Organs and glands of the digestive system and their functions with reference to digestion, absorption and assimilation.

Idea regarding peristalsis

Structure of tooth, types of teeth their major functions. Dental formula of an adult.

#### **Chapter 13**

#### **Skeleton: Movement and Locomotion**

#### **Learning Outcome-**

Students will be able to understand the following topics-

Need of skeletal system

Axial and Appendicular skeleton

Types of joints (immovable, slightly movable and freely movable) their location and functions.

#### **Chapter 14**

#### **Skin**

#### **Learning Outcome-**

Students will be able to understand the following topics-

Various parts of the Skin and their functions

Skin derivatives – sweat gland, sebaceous gland, hair, nails and Mammary glands.



(their major roles in human body)  
Heat regulation – vasodilation, vasoconstriction

### **Experiment 3-**

To identify and examine specimens belonging to different groups of animals. (Non-chordates)

**October**

**Chapter 15**

**Respiratory System**

#### **Learning Outcome-**

Students will be able to understand the following topics-

Structures of the respiratory system

Differences between aerobic and anaerobic respiration and differences between anaerobic respiration in plants and humans.

Role of diaphragm, ribcage and intercostal muscles in Breathing mechanism.

Brief idea of respiratory volumes

Effect of altitude on breathing – Asphyxiation, hypoxia

Brief idea of gaseous transport and tissue respiration.

### **Experiment 4-**

To identify and examine specimens belonging to different groups of chordates.

**Term 3**

**November**

**Chapter 16**

**Health and hygiene**

#### **Learning Outcome-**

Students will be able to understand the following points-

Idea regarding maintaining good health.

General idea of personal hygiene, public hygiene and sanitation.

Idea regarding community health.

Signs of good health

**Chapter 17**

**Diseases: Cause and control**

#### **Learning Outcome-**

Students will be able to understand the following topics-

Idea regarding communicable, non-communicable endemic, pandemic, epidemic and sporadic diseases and their modes of transmission.

Modes of transmission of – Air borne, water borne diseases.

Vectors (housefly, mosquito, cockroach)

Different types of Bacterial, viral, Protozoan and helminthic diseases.

### **Experiment 5-**

To identify the structure of lungs and Skin using Chart or Model.

**December**

**Chapter 18**

**Aids to health and health organisation**

#### **Learning Outcome-**

Students will be able to understand the following topics-

Immunity, active and passive immunity

Uses and action of following health aids-vaccination, immunization, Antitoxin, Serum, Antiseptics, disinfectants and antibiotics.

Role / Activities of Redcross and WHO

**Chapter 19**

**Waste generation and management**

#### **Learning Outcome-**

Students will be able to understand the following topics-

Different types of waste – Domestic, industrial, agricultural, commercial, Municipal and e-waste.

Methods of safe disposal of waste. Segregation, dumping, composting, drainage, treatment of effluents before discharge, incineration.

Use of scrubbers and electrostatic precipitators.

Segregation of domestic waste into biodegradable and non-biodegradable by households: Garden waste to be converted to compost, sewage treatment plants.

### **Experiment 6-**

Experiment to show the mechanism of breathing.

**January**

**Revision**

**February**

**Revision**

### **II Unit Test Syllabus**

**Chapter 17**

**Diseases: Cause and Control**





**MATHEMATICS****Term 1****March****Chapter 2****Compound Interest****Learning Outcome –**

Compound interest as a repeated Simple Interest computation with a growing Principal. Use of this in

computing Amount over a period of 2 or 3 years. Use of formula  $A = P \left(1 + \frac{r}{100}\right)^n$ . Finding CI from the

relation  $CI = A - P$ . Interest compounded half-yearly included. Using the formula to find one quantity given different combinations of A, P, r, n, CI and SI; difference between CI and SI type included. Rate of growth and depreciation.

**Chapter 3****Expansions****Learning Outcome –**

Recall of concepts learned in earlier classes.

$$(a \pm b)^2$$

$$(a \pm b)^3$$

$$(x \pm a)(x \pm b)$$

$$(a \pm b \pm c)^2$$

**April****Chapter 4****Factorisation****Learning Outcome –**

Recall of concepts learned in earlier classes.

$$a^2 - b^2$$

$$a^3 \pm b^3$$

$ax^2 + bx + c$ , by splitting the middle term.

**Chapter 5****Simultaneous Linear Equations in two Variables****Learning Outcome –**

Simultaneous Linear Equations in two variables. (With numerical coefficients only). Solving algebraically by:

Elimination

Substitution and

Cross Multiplication method

Solving simple problems by framing appropriate equations.

**Chapter 6****Indices / Exponents****Learning Outcome –**

Handling positive, fractional, negative and “zero” indices. Simplification of expressions involving various exponents.

$a^m \times a^n = a^{m+n}$ ,  $a^m \div a^n = a^{m-n}$ ,  $(a^m)^n = a^{mn}$  etc. Use of laws of exponents.

**Chapter 7****Logarithms****Learning Outcome –**

Logarithmic form vis – a – vis exponential form : interchanging. Laws of Logarithms and their uses.

Expansion of expression with the help of laws of logarithms.

**May****Chapter 14****Introduction, Data and Frequency Distributions****Learning Outcome –**

Introduction, collection of data, presentation of data. Understanding and recognition of raw, arrayed and grouped data. Tabulation of raw data using tally – marks. Understanding and recognition of discrete and continuous variables.

**Chapter 15****Mean, Median and Frequency Polygon****Learning Outcome –**

Mean, Median of ungrouped data. Class intervals, class boundaries and limits, frequency, frequency table, class size for grouped data. Grouped frequency distributions: the need to and how to convert discontinuous intervals to continuous intervals. Drawing a frequency polygon.

**Chapter 20****Coordinates and Solution of Simultaneous Linear Equations Graphically and Distance Formula****Learning Outcome–**

Cartesian System, plotting of points in the plane for given coordinates, solving simultaneous linear equations in two variables graphically and finding the distance between two points using distance formula.



**July****Chapter 8 Triangles****Learning Outcome –**

Congruency: four cases : SSS, SAS, AAS, and RHS. Illustration through cutouts.Simple applications. Problems based on –

- Angles opposite equal sides are equal and converse.
- If two sides of a triangle are unequal, then the greater angle is opposite the greater side and converse.
- Sum of any two sides of a triangle is greater than the third side.
- Of all straight lines that can be drawn to a given line from a point outside it, the perpendicular is the shortest.

**I Unit Test Syllabus****Chapter 2****Compound Interest****Term 2****July****Chapter 9****Mid-Point and Intercept Theorems****Learning Outcome –**

Proof and Simple applications of mid – point theorem and its converse.Equal intercept theorem: proof and simple application.

**August****Chapter 9****Mid-Point and Intercept Theorems (Continued...)****Chapter 10****Pythagoras Theorem****Learning Outcome –**

Area based proof and simple applications of Pythagoras Theorem and its converse.

**Chapter 11****Rectilinear Figures****Learning Outcome –**

Proof and use of theorems on parallelogram:

- Both pairs of opposite sides equal (without proof).
- Both pairs of opposite angles equal.
- One pair of opposite sides equal and parallel (without proof).
- Diagonals bisect each other and bisect the parallelogram.
- Rhombus as a special parallelogram whose diagonals meet at right angles.
- In a rectangle, diagonals are equal, in a square they are equal and meet at right angles.
- Construction of quadrilaterals (including parallelograms and rhombus) and regular hexagon using ruler and compasses only.

**Chapter 12****Area Theorems****Learning Outcome –**

Proof and use of Area theorems on parallelograms:

- Parallelograms on the same base and between the same parallels are equal in area.
- The area of a triangle is half that of a parallelogram on the same base and between the same parallels.
- Triangles between the same base and between the same parallels are equal in area (without proof).
- Triangles with equal areas on the same bases have equal corresponding altitudes.

**September****Chapter 13****Circle****Learning Outcome –**

- A straight line drawn from the centre of a circle to bisect a chord which is not a diameter is at right angles to the chord.
- The perpendicular to a chord from the centre bisects the chord.
- Equal Chords are equidistant from the centre.
- Chords equidistant from the centre are equal.
- There is one and only one circle that passes through three given points not in a straight line.
- If two arcs subtend equal angles at the centre, they are equal, and its converse.
- If two chords are equal, they cut off equal arcs, and its converse.

**Chapter 16****Area of Plane Figures****Learning Outcome –**

Area and Perimeter of triangle (including Heron's formula), all types of Quadrilaterals.

**Chapter 17****Circle - Circumference and Area****Learning Outcome –**

Area and circumference of circle. Direct application problems including Inner and Outer area.



**October****Chapter 18****Surface Area and Volume of 3D Solids****Learning Outcome –**

Surface area and volume of 3-D solids: cube and cuboid including problems of type involving:

- (i) Different internal and external dimensions of the solid.
- (ii) Concept of volume being equal to area of cross – section  $\times$  height
- (iii) Open / closed cubes / cuboids

**Term 3****November****Chapter 19****Trigonometrical Ratios****Learning Outcome –**Trigonometric Ratios : sine, cosine, tangent of an angle and their reciprocals. Trigonometric ratios of standard angles –  $0^\circ$ ,  $30^\circ$ ,  $45^\circ$ ,  $60^\circ$ ,  $90^\circ$ . Evaluation of an expression involving these ratios.

Simple 2-D problems involving one right – angled triangle.

Concept of trigonometric ratios of complementary angles and their direct application.

**December****Chapter 1****Rational and Irrational Numbers****Learning Outcome –**Rational, irrational numbers as real numbers, their place in the number system. Surds and rationalization of surds. Simplifying an expression by rationalizing the denominator. Representation of rational and irrational numbers on the number line. Proofs of irrationality of  $\sqrt{2}$ ,  $\sqrt{3}$ ,  $\sqrt{5}$ .**January****Revision****February****Revision****II Unit Test Syllabus****Chapter 19****Trigonometrical Ratios**

## ECONOMICS

For further details, students must go through I.C.S.E. 2026 Syllabus Booklet.

**Term 1****March****Chapter 1****Definition of Economics****Learning Outcome-**

After studying this chapter you should be able to understand:

- (i) Definition of Economics according to Adams, Robbins, Keynes and Samuelson. Self-explanatory.
- (ii) Micro & Macro Economics. Meaning, difference and examples only.
- (iii) Types of activities. Economic and non-economic activities: meaning and examples; difference between Economic and non-economic activities.

**April****Chapter 2****Basic Terms and Concepts Used in Economics****Learning Outcome-**

After studying this chapter you should be able to understand:

- (iv) Sectors in an Economy. Primary, secondary and tertiary sectors: meaning and examples along with; differences.
- (v) Basic Economic terms. Meaning of the following economic terms: Wants, Goods, services, wealth, utility, production, consumption, sustainable consumption, factors of production, market, price, value, income, saving, wealth, welfare, economy.
- (vi) Entities. Government sectors, firms, households, foreign sector: meaning only.

**May****Chapter 3****Types of Economies****Learning Outcome-**

After studying this chapter you should be able to understand:

- (i) On the basis of Nature. Capitalist Economy, Socialist Economy, Mixed Economy – with reference to India (meaning and differences).
- (ii) On the basis of Development. Developed Economy and Developing Economy: meaning and differences.
- (iii) Economic growth and development. Meaning and differences.

**July****Chapter 4****Problems of an Economy****Learning Outcome-**

After studying this chapter you should be able to understand:



## Chapter 2 Basic Terms and Concepts Used in Economics

## July

## Chapter 5 Primary Sector-Agriculture

After studying this chapter you should be able to understand:

- (i) Primary Sector: Agriculture - contribution of agriculture.

## Chapter 5 Primary Sector : Agriculture

After studying this chapter you should be able to understand:

- (i) Primary Sector: Agriculture - problems of Indian agriculture; government measures to increase agricultural production; Green revolution and its impact.
- (a) Agriculture and allied activities: meaning; contribution of agriculture to employment, industry, trade and self-sufficiency in food production: a brief understanding of the above.
- (b) Problems of Indian Agriculture: a brief understanding of: limited use of technology, fragmentation of land holdings, dependence on monsoon, lack of rural credit facilities, inadequate storage & marketing facilities.
- (c) Government measures to improve agricultural production: Use of High Yielding variety seeds, use of fertiliser and insecticides, Better irrigation facilities, Adoption of technology, Setting up of agricultural research centres and institutes, Provision & expansion of rural credit facilities. Provision of better storage and marketing facilities: a brief understanding of the above.
- (d) Green Revolution: meaning and its positive impacts.

## Chapter 6 Food Security

After studying this chapter you should be able to understand:

- (i) Food security. (e) Meaning of Food Security; role of Food Corporation of India(FCI).

## Chapter 7 Secondary Sector-Industry

After studying this chapter you should be able to understand:

- (ii) Secondary: Industry: meaning and types; adverse impacts of industrialisation and measures to overcome adverse impacts.
- (a) Meaning of Industry; a brief understanding of the interdependence of Agriculture and Industry.
- (b) Types of Industries; large scale and medium scale Industries. Meaning, features and examples only. Cottage & Small-Scale Industries. Meaning, features and examples; significance with reference to India.

## Chapter 8 Industrialisation

After studying this chapter you should be able to understand:

- (c) Adverse impacts of industrialisation: a brief understanding of the adverse impacts with reference to industrial pollution and deforestation; measures to overcome the adverse impacts: Afforestation.

## Chapter 9 Waste Management

After studying this chapter you should be able to understand:

Measures to overcome the adverse impacts: Waste management.

## November

**Chapter 10**                      **Tertiary Sector-Services**

After studying this chapter you should be able to understand:

- (iii) Tertiary Sector: Education and Healthcare, Transportation, Banking, Insurance, Communication, Storage and Warehousing. Role of each of the above in the economic development of the country in brief with the help of examples.



**Chapter 11 Poverty and Unemployment****Learning Outcome-**

After studying this chapter you should be able to understand:

- (i) Poverty: Meaning of poverty line - concept based on calorie intake; Relative and absolute poverty: meaning with examples; causes of poverty: any five causes of poverty to be discussed.
- (ii) Unemployment: Meaning; Types: Seasonal, Structural, Technological: meaning and example of each. Causes of unemployment- any five to be discussed.
- (iii) Schemes and Programmes introduced by the government to remove poverty & unemployment. Any two programmes to be studied with the objectives. For example, IRDP, JRY, PKVY, HRIDAY, MNREGA, etc.

**December****Chapter 12 Major Reforms and Emerging Trends in the Indian Economy****Learning Outcome-**

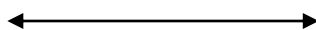
After studying this chapter you should be able to understand:

- (i) LPG Model: Liberalisation, Privatisation and Globalisation: meaning of each term and its positive impact on the Indian economy.
- (ii) Smart city: Concept of Smart city; Case Study: take one suitable example of a smart city and discuss the development taken place in the form of infrastructure development, reduction of unemployment, poverty alleviation, HR development and industrial development.
- (iii) 'Digital India' and 'Skill India'.

Case study of each of the above **(not to be tested)**.

**January Revision****February Revision****II Unit Test Syllabus:**

**Chapter 10 Tertiary Sector-Services**  
**Chapter 11 Poverty and Unemployment**

**COMMERCIAL STUDIES**


---

For further details students must go through I.C.S.E. 2026 Syllabus Booklet.

**Term 1****March****Chapter 1 Commercial Activities****Learning Outcome-**

After studying this chapter you should be able to understand:

- (a) Commercial and Non-Commercial Activities: Meaning and difference with examples.
- (b) Types of Commercial activities. Business, profession and employment – meaning and features.
- (c) Business Activities: Meaning and characteristics. Types of business activities: industry and commerce; classification of industry (primary, secondary and tertiary – meaning and examples of each).

**April****Chapter 2 Profit Making and Non-Profit Organisations****Learning Outcome-**

After studying this chapter you should be able to understand:

- (d) Non-profit Organisations: Meaning and types (Society, trust, and non-profit companies - Meaning and Examples only).
- (f) Commercial organizations - Classification on the basis of ownership.

**Chapter 3 Commerce****Learning Outcome-**

After studying this chapter you should be able to understand:

- (e) Commerce: Meaning of commerce and its classification:
- (i) Trade (types of trade: wholesale and retail, domestic and foreign, e-commerce & e-trade - meaning and examples of each).
- (ii) Aids to trade: transport, banking, advertising, insurance, warehousing, packaging – meaning and examples of each.



## **May**

### **Chapter 4                      Sole Proprietorship and One Person Company**

#### **Learning Outcome-**

After studying this chapter you should be able to understand:

(f) (i) Private Sector enterprise–Sole proprietorship (meaning and features only).

One person company (meaning and features only).

### **Chapter 5                      Partnership**

#### **Learning Outcome-**

After studying this chapter you should be able to understand:

(f) (i) Private Sector enterprise–Partnership, limited liability partnership (meaning and features only).

### **Chapter 6                      Joint-Stock Company**

#### **Learning Outcome-**

After studying this chapter you should be able to understand:

(f) (i) Private Sector enterprise–Joint stock company (meaning and features only).

### **Chapter 7                      Co-operative Society**

#### **Learning Outcome-**

After studying this chapter you should be able to understand:

(f) (i) Private Sector enterprise–Cooperative society (meaning and features only).

## **July**

### **Chapter 8                      Public Sector Enterprises and Joint Sector Enterprises**

#### **Learning Outcome-**

After studying this chapter you should be able to understand:

(f) (ii) Public sector enterprise – Departmental undertaking, public corporation, and government companies (Meaning and features only).(iii) Joint Sector Enterprises – Meaning, features only.

## **I Unit Test Syllabus:**

### **Chapter 2                      Profit Making and Non-Profit Organisations**

### **Chapter 3                      Commerce**

## **Term 2**

## **July**

### **Chapter 9                      Marketing and Sales**

#### **Learning Outcome-**

After studying this chapter you should be able to understand:

(c) Marketing and Sales–Meaning and objectives.

## **August**

### **Chapter 10                      Finance and Accounting**

#### **Learning Outcome-**

After studying this chapter you should be able to understand:

(d) Finance and Accounting–Meaning and objectives.

### **Chapter 11                      Human Resources**

#### **Learning Outcome-**

After studying this chapter you should be able to understand:

(e) Human Resources–Meaning and objectives.

### **Chapter 12                      Production**

#### **Learning Outcome-**

After studying this chapter you should be able to understand:

(a) Production–Meaning and objectives.

### **Chapter 13                      Purchasing and Stores**

#### **Learning Outcome-**

After studying this chapter you should be able to understand:

(b) Purchasing and Stores–Meaning and objectives.



## **Chapter 14                      General Administration and Legal Department**

### **Learning Outcome-**

After studying this chapter you should be able to understand:

(f) General Administration, Legal and Compliance–Meaning and objectives.

## **Chapter 15                      Management Information System (MIS)**

**Note: - Chapter 9 to 15 covers meaning and objectives only.**

### **Learning Outcome-**

After studying this chapter you should be able to understand:

(g) Management Information System (MIS)–Meaning and objectives of each of the above.

## **September**

## **Chapter 16                      Communication in Commercial Organisation**

### **Learning Outcome-**

After studying this chapter you should be able to understand:

Meaning and process; role of communication in a commercial organisation.

## **October**

## **Chapter 17                      Methods of Communication**

### **Learning Outcome-**

After studying this chapter you should be able to understand:

Different methods of communication: letter, e-mail, conference calling (audio & video), telephonic conversation, social media – meaning of each.

## **Term 3**

## **November**

## **Chapter 18                      Accounting: Meaning, Objectives and Basic Terms**

### **Learning Outcome-**

After studying this chapter you should be able to understand:

(a) Meaning and objective: Meaning of accounting and bookkeeping; objective of accounting; accounting cycle; distinction between accounting and bookkeeping.

(b) Basic accounting terminology: Capital, liability, asset, revenue, expense, purchase, sales, stocks, debtors, creditors, drawings, debit and credit, discount (Meaning only).

## **Chapter 19                      Basic Accounting Principles and Concepts**

### **Learning Outcome-**

After studying this chapter you should be able to understand:

(c) Basic accounting principles and concepts. Business entity, money measurement, going concern, accounting period, dual aspect and accounting equation, matching principle, principle of full disclosure – meaning and examples.

## **Chapter 20                      Accounting Books and Statements**

### **Learning Outcome-**

After studying this chapter you should be able to understand:

(d) Journal: Meaning of Journal; and classification of accounts, rules of debit and credit. Recording of transactions in journal. (Simple numerical based on the terminology mentioned in part (b) need to be covered. Compound journal entries including cash discount, bad debts and opening and closing entries need not be covered).

(e) Ledger: Meaning, posting and balancing of ledger accounts. (Ledger posting on the basis of simple journal entries).

(f) Trial balance: Meaning, objectives and preparation of trial balance with the given set of ledger account balances. (Re-drafting of trial balance need not be covered.)

(g) Cash Book: Meaning, types of cash books, preparation of single column cash book.

## **December**

## **Chapter 21                      Banking**

### **Learning Outcome-**

After studying this chapter you should be able to understand:

Commercial Banks - Functions and Types of Accounts (Savings, Current, Recurring & Fixed Account – meaning and difference only).



**Chapter 22 Trade: Channels of Distribution**

**Learning Outcome-**

After studying this chapter you should be able to understand:

(a) Channels of distribution: Physical - C & F Agents, Wholesalers, Distributors & Retailers (meaning only).

**Chapter 23 E-Commerce and E-Trade**

**Learning Outcome-**

After studying this chapter you should be able to understand:

(b) E-commerce & E-trade Merits and demerits of online trading.

**Chapter 24 Social Responsibility of Commercial Organisations**

**Learning Outcome-**

After studying this chapter you should be able to understand:

• E- Waste Management • Recycling • Afforestation • Eco Friendly products • Legal Compliance of environmental norms –A brief understanding of the above.

**January Revision**

**February Revision**

**II Unit Test Syllabus:**

**Chapter 20 Accounting Books and Statements**



**FINANCIAL LITERACY**

**Term 1**

**March**

**Topic 1 Investment**

**Learning Outcome-**

After studying this chapter you should be able to understand:

Investment: Meaning and types

**April**

**Topic 2 Sources of Funds**

**Learning Outcome-**

After studying this chapter you should be able to understand:

Sources of Funds: Classification on the basis of period, ownership and source generation (equity shares, preference shares and debentures), loan from financial institutions, raising funds from customers and suppliers

**May**

**Topic 3 PAN Card and Aadhaar Card**

**Learning Outcome-**

After studying this chapter you should be able to understand:

PAN Card and Aadhaar Card: Purpose, requirement and issuing body of PAN card; PAN and Income Tax; Aadhaar card and its benefits

**July**

**Topic 4 Digital Payments**

**Learning Outcome-**

After studying this chapter you should be able to understand:

Digital Payments: Meaning and methods (banking cards, Unified Payment Interface, mobile wallets, etc.)  
Credit and Debit Cards: Meaning, advantages and disadvantages, steps of making a credit/debit card payment (online/offline), samples of credit/debit card statements

**Term 2**

**July**

**Topic 5 Reserve Bank of India**

**Learning Outcome-**

After studying this chapter you should be able to understand:

RBI: RBI as the central bank of India, functions of RBI

**August**

**Topic 5 Reserve Bank of India**

**Learning Outcome-**

After studying this chapter you should be able to understand:

RBI: RBI as the central bank of India, functions of RBI



**September**

**Topic 6                      Budgeting**

**Learning Outcome-**

After studying this chapter you should be able to understand:  
Budgeting: Preparing a budget for oneself

**October**

**Topic 7                      Loans**

**Learning Outcome-**

After studying this chapter you should be able to understand:  
Loans: Types and process of applying for a loan

**Term 3**

**November**

**Topic 8                      Inflation**

**Learning Outcome-**

After studying this chapter you should be able to understand:  
Inflation: Meaning and types

**December**

**Topic 9                      Insurance**

**Learning Outcome-**

After studying this chapter you should be able to understand:  
Insurance: Meaning, risks (man-made perils, perils of nature), types (life insurance and general insurance) and grievance redressal mechanism

**January                      Revision**

**February                      Revision**



**COMPUTER APPLICATIONS**

---

**Term 1**

**March**

**Chapter 1                      Principles of object oriented programming**

**Learning Outcome-**

Students will learn to differentiate between procedure oriented and object oriented language ,concept of objects,object oriented programming and characteristics of OOP.

**Chapter 2                      Introduction to Java**

**Learning Outcome-**

Students will learn types of java programs i.e applet and applications ,java compilation process, java source code,byte code,object code,Java virtual machine(JVM) and features of Java.

**April**

**Chapter 3                      Elementary Concept of Objects and Classes**

**Learning Outcome-**

Students will learn about Objects and Classes in details,as well as concept of user defined data type and differentiate between Object and Class.

**Chapter 4                      Values and Data Types**

**Learning Outcome-**

Students will learn about character set in Java ASCII code ,Unicode ,Tokens,Data Types, Variables and Constants,Operators and Type Conversion.

**Chapter 5                      Operators in Java**

**Learning Outcome-**

Students will learn about Forms of Operators,Types of Operators,Hierarchy of Arithmetic Operators,uses of '+' with String , Operators Associativity,Accumulator,counters, Relational Operators , Conditional Operator ?:,The New operator and simple output.

**May**

**Chapter 5                      Operators in Java**

**Learning Outcome-**

Students will learn about Forms of Operators,Types of Operators,Hierarchy of Arithmetic



Operators,uses of '+' with String , Operators Associativity,Accumulator,counters, Relational Operators , Conditional Operator ?:,The New operator and simple output.

**(Bitwise and shift operators are not included)**

## **Chapter 6 Input in Java**

### **Learning Outcome-**

Students will learn about initialisation of variables in Java,Parameterised Input , Scanner Input, Errors in java,Types of Errors in java and Types of comments in java.

**July**

## **Chapter 7 Mathematical Library Methods**

### **Learning Outcome-**

Students will learn about Arithmetic functions and solve Mathematical expression to Java expression.

## **I Unit Test Syllabus:**

### **Chapter 1 Principles of object oriented programming**

## **Term 2**

**July**

## **Chapter 8 Conditional Construct In Java**

### **Learning Outcome-**

Students will learn about If statement,uses of Relational operators,Logical operators in programs, Nested if ,Dangling else ,if –else-if ladder,Conditional and Ternary operators,menu driven program and System.exit(0) function uses.

**August**

## **Chapter 8 Conditional Construct In Java**

### **Learning Outcome-**

Students will learn about If statement,uses of Relational operators,Logical operators in programs,Nested if ,Dangling else ,if –else-if ladder,Conditional and Ternary operators,menu driven program and System.exit(0) function uses.

**September**

## **Chapter 9 Iterative Construct In Java**

### **Learning Outcome-**

Students will learn about elements that control a loop,types of loop for,while and do\_ while loops,Variants of for loop,Optional control elements,the break and continue statements as jump statements.

**October**

## **Chapter 9 Iterative Construct In Java**

### **Learning Outcome-**

Students will learn about elements that control a loop,types of loop for,while and do\_ while loops,Variants of for loop,Optional control elements,the break and continue statements as jump statements.

## **Term 3**

**November**

## **Chapter 10 Nested For Loop**

### **Learning Outcome-**

Students will learn about nested loop through some simple program examples,uses of break and continue in nested loop,program based on nested loops such as pattern program on triangular ,rectangular ,right angled triangle, series program involving single variable.

**(nested while loop and nested do while loop are not included)**

**December**

## **Chapter 11 Computing and Ethics**

### **Learning Outcome-**

Students will learn about computing ethics ,Intellectual property rights:-protection of individual's right to privacy, data protection on the internet,protection against spam,malicious code and its intent,Malware types ,Trojan horses or Trojan,computer viruses ,securing the computer system and antivirus software.



January	Revision
February	Revision

<b><u>II Unit Test Syllabus:</u></b>	
<b>Chapter 10</b>	<b>Nested For Loop</b>



**ROBOTICS & ARTIFICIAL INTELLIGENCE**

---

**Term 1**

**March**

<b>Unit – 1</b>	<b>Introduction To Robotics</b>
<b>Chapter 1</b>	<b>Understanding Robots</b>

**Learning Outcome-**

Students will learn about robot definition and characteristics,benefits of using robots with respect to human increased quality and productivity,efficiency,longer working span,working in hazardous environment and improved work place.

<b>Chapter 2</b>	<b>Evolution of Robots and Laws of Robotics</b>
------------------	---

**Learning Outcome-**

Students will learn about history of robotics,generation of robotics and what is robotics?.

<b>Chapter 3</b>	<b>Classification of Robots</b>
------------------	---------------------------------

**Learning Outcome-**

Students will learn about unmanned robots,aerial robots,land /ground robots,under water robots,control based ( manual based or automatic) robots, bioinspired robots and types of bioinspired robots.

<b>Chapter 4</b>	<b>Real world Robots and their Application</b>
------------------	--

**Learning Outcome-**

Students will learn about applications of robots in different fields (domestic,industry,medical,defense,entertainment and agriculture) with at least one example of each.

**April**

<b>Unit – 2</b>	<b>Robot as a System</b>
<b>Chapter 5</b>	<b>Building Blocks of Robots</b>

**Learning Outcome-**

Students will learn about general block diagram of a robot .A detailed study of the building block of a robot.Concept of robot as having mechanical ,electronics and computational blocks ,functioning and working principle of each block.Design aspects using examples of humanoid,aerial,underwater and mobile robots.

<b>Chapter 6</b>	<b>Identification of Robots</b>
------------------	---------------------------------

**Learning Outcome-**

Students will learn about **Identification of Robots(through demonstration/video/graphics details),ilustration using industrial robots(Example industrial robotics arm),mobile robots.**

<b>Unit – 4</b>	<b>Introduction to Artificial Intelligence (A.I)</b>
-----------------	--

<b>Chapter 8</b>	<b>Meaning and Brief History</b>
------------------	----------------------------------

**Learning Outcome-**

Students will learn about definition of artificial intelligence,brief history of A.I and its uses and importance and types.

**May**

<b>Unit – 4</b>	<b>Introduction to Artificial Intelligence (A.I)</b>
<b>Chapter 9</b>	<b>Applications and Benefits of A.I</b>

**Learning Outcome-**

Students will learn about application of A.I in commercial industries,shopping and entertainment industry ,education and space science,sports and health care.



**Chapter 10 Ethical consideration in A.I****Learning Outcome-**

Students will learn about ethics of Artificial intelligence, need for ethics in A.I, safety and deep fake technology.

**Unit – 5 Role of data and Information, Evolution of Computing**  
**Chapter 11 Data and Information**
**Learning Outcome-**

Students will learn about data and information, types of data (audio, visual, numeric, text) Data to information. Understanding that data is pivotal to A.I, brief introduction how relevant data is identified, acquired and explored as precursor to the A.I project cycle.

**July**

**Chapter 12 Evolution of Computing****Learning Outcome-**

Students will learn about binary logic system, logic gate and determine computing and probabilistic computing.

**I Unit Test Syllabus:**
**Unit – 1 Introduction To Robotics**  
**Chapter 1 Understanding Robots**
**Term 2**

**July**

**Unit – 3 Concepts in Robotics**  
**Chapter 7 Robot Anatomy**
**Learning Outcome-**

Students will learn about types of motion 1-D and 2-D motion, using link and joint to create specific motion. and degree of freedom of a robot, definition, identification through illustration.

**August**

**Unit – 3 Concepts in Robotics**  
**Chapter 7 Robot Anatomy**
**Learning Outcome-**

Students will learn about types of motion 1-D and 2-D motion, using link and joint to create specific motion. and degree of freedom of a robot, definition, identification through illustration.

**Unit – 6 Introduction to Data and programming with Python**  
**Chapter 13 Familiarization with Python**
**Learning Outcome-**

Students will learn about introduction to python programming language, how to install python application, modes of interaction window, how to use python IDE and how to execute program in python window.

**Chapter 14 Introduction to Data Types and Variables****Learning Outcome-**

Students will learn about structure of python program by using some simple example program, uses of indentation in python and its data types and data type conversion.

**September**

**Unit-6 Introduction to Data and programming with Python**  
**Chapter 15 Introduction to Operators and Strings Data Types in Python**
**Learning Outcome-**

Students will learn about operators in python, uses of built in function for working with numbers, Strings in python and String built in function.

**Chapter 16 Conditional Statements and Control Statements****Learning Outcome-**

Students will learn about Programming in python, loops in python, jump statements break, continue and pass and programs related to break and continue statements.







After studying this chapter you should be able to understand:



Types of lighting (general and local or task, direct and indirect); sources of light: natural and artificial; choice of adequate lighting for different rooms.

**September**

**Chapter 9 Sustainable Utilisation of Fuels and Energy**

**Learning Outcome-**

After studying this chapter you should be able to understand:  
Sustainable use of fuel and energy with emphasis on the need and methods for the conservation of cooking gas, water and electricity in the house.

**Chapter 10 Maintenance of Sanitation and Hygiene**

**Learning Outcome-**

After studying this chapter you should be able to understand:  
Maintenance of Sanitation and Hygiene inside and outside the House  
Role of sanitation and hygiene in the home and its environment.  
Waste Management: Meaning of the term waste; basic concept of bio degradable and non-biodegradable wastes with examples.

**October**

**Chapter 11 Waste Segregation.**

**Learning Outcome-**

After studying this chapter you should be able to understand:  
Importance of segregation of waste: sorting of waste into biodegradable / non-biodegradable, organic / non-organic, plastic, metal and e-waste at domestic and community level.  
Importance of the five Rs (reduce, refuse, reuse, recycle and reinvent) for environmental conservation.

**Term 3**

**November**

**Chapter 12 Fibres: Properties and Uses**

**Learning Outcome-**

After studying this chapter you should be able to understand:  
Meaning of the term fibre; classification of fibres: natural, man-made and synthetic;  
Natural fibres (cotton, silk and wool): brief idea of origin; man-made fibres (rayon: raw materials); synthetic fibres: nylon and polyester: raw materials;  
Identification of fibres: microscopic appearance and burning tests. Properties of cotton, silk, wool, rayon, nylon, polyester and their uses.

**December**

**Chapter 13 Fabric Structure**

**Learning Outcome-**

After studying this chapter you should be able to understand:  
Fabric structure: woven, non-woven and knitted.  
Meaning of the terms yarn, warp, weft, selvedge, fabric.  
Woven fabrics: basic (plain and twill, satin, decorative (spot and pile - cut and uncut): construction method and end use;  
Non-woven: e.g. felt; Knitted (hand and machine): meaning and end use of non-woven and knitted.

**Chapter 14 Communication and Extension.**

**Learning Outcome-**

After studying this chapter you should be able to understand:  
Communication: meaning, functions and importance; elements of communication; interpersonal communication.  
Meaning, functions and importance of communication; elements of communication (sender, message, medium, receiver, feedback: brief idea); meaning of interpersonal communication; acquiring interpersonal communication skills (listening, speaking, reading and writing).

**II Unit Test Syllabus**

**Chapter 12 Fibres: Properties and Uses**

**January Revision**

**February Revision**



**PHYSICAL EDUCATION**

**Term 1**

**March**

**Theory**

**Chapter 1 The Human Anatomy and Physiology**

**Learning Outcome –**

Students will get enabled to know about the structure, function and types of Skeletal System.



**Practical – Cricket**

**Learning Outcome –**

Students will get enabled to understand the rules of the game and necessary measurements of pitch and equipments as well as field of play.

**April**

**Theory**

**Chapter 2**

**Muscular System**

**Learning Outcome –**

Students will get enabled to understand the types, locations, functions and identification of various muscles.

**May**

**Theory**

**Chapter 3**

**Respiratory System**

**Learning Outcome –**

Students will get enabled to understand about the path way of air, mechanics of breathing and functioning of Respiratory System.

**July**

**Practical – Football**

**Learning Outcome –**

Students will get enabled to understand the rules of the game and necessary measurements of pitch and equipments as well as field of play.

**I Unit Test Syllabus**

**Chapter 1**

**The Human Anatomy and Physiology**

**Term 2**

**July**

**Practical – Hockey**

**Learning Outcome –**

Students will get enabled to understand the rules of the game and necessary measurements of pitch and equipments as well as field of play.

**August**

**Theory**

**Chapter 4**

**Circulatory System**

**Learning Outcome –**

Students will get enabled to know about the structure and functions of circulatory system.

**Practical – Hockey**

**Learning Outcome –**

Students will get enabled to understand the rules of the game and necessary measurements of pitch and equipments as well as field of play.

**September**

**Practical – Volleyball**

**Learning Outcome –**

Students will get enabled to understand the rules of the game and necessary measurements of pitch and equipments as well as field of play.

**October**

**Practical – Basketball**

**Learning Outcome –**

Students will get enabled to understand the rules of the game and necessary measurements of pitch and equipments as well as field of play.

**Term 3**

**November**

**Theory**

**Chapter 5**

**Games and Sports**

**Learning Outcome –**

Students will get enabled to understand the meaning, differences and benefits of games and sports.

**December**

**Practical – Badminton**

**Learning Outcome –**

Students will get enabled to understand the rules of the game and necessary measurements of pitch and equipments as well as field of play.



January Revision

February Revision

**II Unit Test Syllabus**  
**Chapter 5**

**Games and Sports**



**S.U.P.W**

**Term 1**

**March**

**Chapter 1 Health and Hygiene**

**Learning Outcome-**

After studying this chapter you should be able to understand:  
Personal cleanliness and its importance, methods used for disposal of human wastes.

**April**

**Chapter 2 First Aid**

**Learning Outcome-**

After studying this chapter you should be able to understand:  
First Aid: meaning, purpose, qualities of a first aider and first aid box: medicines and equipments used in it.

**May**

**Chapter 7 Interior Decoration**

**Learning Outcome-**

After studying this chapter you should be able to understand:  
Types of colours, colour schemes and their usage in practical life. Preparation of fancy articles.

**Community Service 1 Record book page number 54 to 62.**

**July**

**Chapter 7 Interior Decoration**

**Learning Outcome-**

After studying this chapter you should be able to understand:  
Types of colours, colour schemes and their usage in practical life. Preparation of fancy articles.

**Term 2**

**July**

**Chapter 14 Hydroponics**

**Learning Outcome-**

After studying this chapter you should be able to understand:  
Hydroponics: meaning and plants grown with this technique.

**August**

**Chapter 14 Hydroponics**

**Learning Outcome-**

After studying this chapter you should be able to understand:  
Hydroponics: meaning and plants grown with this technique. Growing medicinal plants.

**Craft/Skill 1 Record book page number 83 to 89.**

**September**

**Chapter 16 Meal Planning and Food Preservation.**

**Learning Outcome-**

After studying this chapter you should be able to understand:  
Meal Planning: meaning and its importance. Functions of food, balanced diet.  
Food Preservation: meaning and its advantages.

**Community Service 2 Record book page number 64 to 72.**

**October**

**Chapter 16 Meal Planning and Food Preservation.**

**Learning Outcome-**

After studying this chapter you should be able to understand:  
Meal Planning: meaning and its importance. Functions of food, balanced diet.  
Food Preservation: meaning and its advantages.



**Term 3**

**November**

**Chapter 20**

**Paper Work**

**Learning Outcome-**

After studying this chapter you should be able to understand:  
Preparing of Greeting cards and packing boxes.

**Craft/Skill 2**

**Record book page number 91 to 97.**

**December**

**Chapter 24**

**Electrical Gadgets**

**Learning Outcome-**

After studying this chapter you should be able to understand:  
Common sources of A.C. and D.C. and electrical hand tools with their usage.

**January**

**Revision**

**February**

**Revision**

