

SYLLABUS**SESSION 2024–25****CLASS– IX**

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

ENGLISH LANGUAGE**Term 1****March****A guide to writing****Learning Outcome-****Students will learn, writing, reflection and self-expression.****1. Guidelines on writing of Compositions****Learning Outcome-**

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.

Composition Narrative Writing**Learning Outcome-**

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**Composition** Descriptive Writing**Learning Outcome-**

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**Composition** Reflective Writing**Learning Outcome-**

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**Grammar** Direct and Indirect Speech**Learning Outcome-**

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

Grammar Active and Passive Voice**Learning Outcome-**

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**Learning Outcome-**

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

Letter Writing Personal / Informal Letters**Learning Outcome-**

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

Learning Outcome-

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**Functional Grammar** Classification of sentences**Learning Outcome-**

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. Recognize 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 21st 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

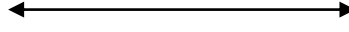
Act II Sc I – IV [Pages 60 – 101] + WB

Learning Outcome –

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

Prose	Critical Analysis
Poetry	Critical Analysis
December	
Play	Revision - Character Sketch
Prose	Revision - Critical Analysis
Poetry	Revision - Poet's introspect
January	
Play	Revision - Character sketch
Prose	Revision - Critical Analysis
Poetry	Revision - Poet's introspect
February	
Play	Revision - Character sketch
Prose	Revision - Critical Analysis
Poetry	Revision - Poet's introspect

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 है। 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— 31से 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— 1से 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 संपति 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 कुआँ 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 उत्त्न 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—

हमें 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 कलौ 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 Budhism

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 **The Mauryas**
Mapbook:- Chapter 4 – The Mauryan Empire
Learning Outcome-
This lesson helps to get the knowledge of political History and administration of the Mauryan Empire.

Chapter 5 **The Sangam Age**
Mapbook:- Chapter 5 – The Sangam Age
Learning Outcome-
Learner will be able to know about the society and economy of the Sangam Age.

May
History
Chapter 6 **Age of the Guptas**
Mapbook:- Chapter 6 – The Age of the Guptas
Learning Outcome-
Learner will be able to recognise the Sources, Society and administration of the Gupta Period.

Civics
Chapter 3 **Fundamental Rights**
Learning Outcome-
Learner will be able to recognise our Fundamental Rights, Given in our Constitution.

July
Civics
Chapter 4 **Fundamental Duties**
Learning Outcome-
Learner will be able to recognise our Fundamental Duties, Given in our constitution.

I Unit Test Syllabus
History
Chapter 1 **The Harappan Civilisation**

Term 2
July
History
Chapter 7 **Medieval India – South India and the Cholas**
Mapbook:- Chapter 7- Medieval India: The Cholas
Learning Outcome-
Learner will be able to recognise the political history and administration of the cholas.

August
History
Chapter 7 **Medieval India – South India and the cholas (To be continued)**
Chapter 8 **Medieval India – The Delhi Sultanate**
Mapbook:- Chapter 8 – The Delhi Sultanate
Learning Outcome-
Learner will be able to recognise the sources, political history and the administration of the Sultanate period.

September
Civics
Chapter 5 **Directive Principles of State Policy**
Learning Outcome-
Learner will be able to recognise the meaning of Directive Principles of State Policy and Welfare State.

Chapter 6 **Elections**
Learning Outcome-
Learner will be able to know the meaning of Elections and its kinds.

Chapter 7 **Local Self – Government – Rural Bodies**
Learning Outcome-
Learner will be able to know the meaning and functions of the Local Self Government for the Rural areas.

October
History
Chapter 9 **Age of the Mughals**
Mapbook:- Chapter 9 – The Mughal Empire
Learning Outcome-
Learner will be able to recognise the political history and the administration of the Mughal Period.

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

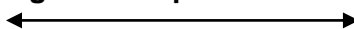
II Unit Test Syllabus

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

Movemnet 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 Atrnosphere (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:-

Learning Outcome-

Learner will get the meaning and types of pollution.

Pollution and its Types

Chapter 11 – 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:-

Topo Treasure-

Learning Outcome-

Learner will recognise the sources of pollution.

Sources of Pollution

Chapter 11 – Pollution

Chapter 4 – Map Work

December

Chapter 19

Mapbook:-

Topo Treasure-

Learning Outcome-

Learner will get the effects of pollution on the environment and human health.

Effects of Pollution

Chapter 11 – Pollution

Chapter 4 – Map Work

Chapter 20

Mapbook:-

Topo Treasure-

Learning Outcome-

Learner will recognise the different preventive measures against pollution.

Preventive Measures Against Pollution

Chapter 11 – Pollution

Chapter 4 – Map Work

January

Chapter 21

Mapbook:-

Topo Treasure-

Learning Outcome-

Learner will get the details of the Natural regions of the World.

Natural Regions of the World

Chapter 12 – Natural Regions of the World

Chapter 4 – Map Work

February

Map Work-

Desert, Mediterranean types, Tropical Grass lands, Temperate Grasslands, Taiga and Tundra.

Revision

Natural Regions of the World - Equatorial, Tropical Monsoon, Tropical

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

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.

Measurements and Experimentations

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 Floatation****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 ρ >, = or < ρ' , the density of Fluid (ρ').

They can understand Relative density (RD), experimental determination of RD of a solid and liquid denser than water. Floatation 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 Floatation****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 ρ >, = or < ρ' , the density of fluid (ρ').

They can understand Relative density (RD), experimental determination of RD of a solid and liquid denser than water. Floatation 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°C to 10°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°C to 10°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 (λ) 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

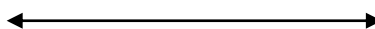
February

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

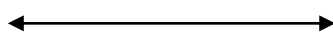
Chapter 9 Practical Work

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.

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 × 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° , 30° , 45° , 60° , 90° . 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

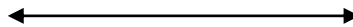
Revision

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:

(i) Limited availability of Resources. Meaning and types of resources with examples; meaning and examples of limited resources; an understanding of the basic economic problem - Human wants are unlimited in relation to limited resources that have alternative uses; need for efficient use of resources (brief understanding with an example.)

(ii) Central problems of an economy. What to produce? How to produce? For whom to produce? – A brief understanding with examples.

I Unit Test Syllabus:

Chapter 2 Basic Terms and Concepts Used in Economics

Term 2

July

Chapter 5 Primary Sector-Agriculture

Learning Outcome-

After studying this chapter you should be able to understand:

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

August

Chapter 5 Primary Sector : Agriculture

Learning Outcome-

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

Learning Outcome-

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).

September

Chapter 7 Secondary Sector-Industry

Learning Outcome-

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.

October

Chapter 8 Industrialisation

Learning Outcome-

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

Learning Outcome-

After studying this chapter you should be able to understand:

Measures to overcome the adverse impacts: Waste management.

Term 3

November

Chapter 10 Tertiary Sector-Services

Learning Outcome-

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'.

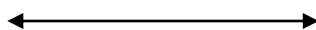
Case study of each of the above **(not to be tested)**.

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:

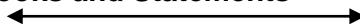
• E- Waste Management • Recycling • Afforestation • Eco Friendly products • Legal Compliance of environmental norms –A brief understanding of the above.

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

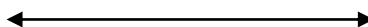
Learning Outcome-

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

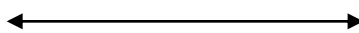
Learning Outcome-

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**

II Unit Test Syllabus:

Chapter 10 Nested For Loop



ROBOTICS & ARTIFICIAL INTELLIGENCE

Term 1

March

Unit – 1 Introduction To Robotics

Chapter 1 Understanding Robots

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.

Chapter 2 Evolution of Robots and Laws of Robotics

Learning Outcome-

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

Chapter 3 Classification of Robots

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.

Chapter 4 Real world Robots and their Application

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

Unit – 2 Robot as a System

Chapter 5 Building Blocks of Robots

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.

Chapter 6 Identification of Robots

Learning Outcome-

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

Unit – 4 Introduction to Artificial Intelligence (A.I)

Chapter 8 Meaning and Brief History

Learning Outcome-

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

May

Unit – 4 Introduction to Artificial Intelligence (A.I)

Chapter 9 Applications and Benefits of A.I

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.

Chapter 17 Functions

Learning Outcome-

Students will learn about both built in and user defined functions ,the importance of functions to maintain modularity ,arguments given to a function(fixed and variable length)and the concept of default arguments and return type of a function.

October

Unit – 7 AI Concepts and AI Project Framework

Chapter 18 AI Concepts

Learning Outcome-

Students will learn about machine learning and AI approach and expert systems.

Term 3

November

Unit – 7 AI Concepts and AI Project Framework

Chapter 19 AI Domains (Computer Vision)

Learning Outcome-

Students will learn about applications of computer visions and medical imaging

Chapter 20 AI Domains (Natural language processing(NLP))

Learning Outcome-

Students will learn about **Human language vs Computer language ,natural language processing why is NLP difficult?,Phases of NLP and Application of natural language.**

December

Unit – 7 AI Concepts and AI Project Framework

Chapter 21 AI Domains (Neural Network(NN))

Learning Outcome-

Students will learn about neural network and its definition.

Chapter 22 Components and stages(alias AI project Cycle)

Learning Outcome-

Students will learn about AI project cycle and steps involved in AI project cycle.

January Revision

February Revision

II Unit Test Syllabus:

Unit – 7 AI Concepts and AI Project Framework

Chapter 19 AI Domains (Computer Vision)



HOME SCIENCE

For further details, students must go through ICSE 2026 Syllabus Booklet.

Term 1

March

Chapter 1 Concept and Scope of Home Science

Learning Outcome-

After studying this chapter you should be able to understand:

Introduction to the five streams in Home Science and how they integrate to form a meaningful whole.

Understanding that Home Science is a field of Applied Sciences, made up of five streams, i.e. Foods and Nutrition, Resource Management, Human Development, Textiles and Clothing and Communication and Extension.

Significance of the study of Home Science in different spheres of life.

An understanding that Home Science is a multi-disciplinary subject which helps in development of life-skills to deal with various situations in different spheres of life.

April

Chapter 2 Food and Health

Learning Outcome-

After studying this chapter you should be able to understand:

Food and its functions. Basic Cookery Terms. Health benefits of common food items.

Definition of: food, nutrient, nutrition, balanced diet, health, malnutrition and optimum nutrition.
Functions of food: physiological, psychological and social functions.

Meaning of basic cookery terms: Cutting, chopping, grating, kneading, beating, peeling, stringing julienne, mashing, cut and fold in, blending, dusting.

Health benefits of common food items- in brief.

Herbs: Mint, coriander, celery, basil, curry leaves, saffron, thyme, lemon grass;

Spices: cardamom, cinnamon, cloves, turmeric, fenugreek, cumin, fennel, carrom, asafoetida, ginger, garlic.

Chapter 3 Nutrients and their Functions

Learning Outcome-

After studying this chapter you should be able to understand:

Nutrients and their functions. Deficiency diseases.

Classification of nutrients according to their sources and functions:

- (a) Energy giving: Fats and carbohydrates; (b) Body building: Proteins and minerals; (c) Protective: Vitamins (A, D, E and K, Vitamin B -Thiamine, Riboflavin and Niacin and Vitamin C); Minerals (calcium, iron and iodine); (d) Regulatory: Water and roughage.

Deficiency diseases associated with the above nutrients.

May

Chapter 4 Growth and Development

Learning Outcome-

After studying this chapter you should be able to understand:

Principles of development; milestones of development.

Meaning of the terms growth and development; difference between growth and development. Principles of development. Meaning of developmental milestones;

Milestones of development: meaning and characteristics of physical, motor, social, emotional, cognitive and language development.

Chapter 5 Play and Play School- Early Child

Learning Outcome-

After studying this chapter you should be able to understand:

Role and importance of play and play-school during early childhood.

The role of play with emphasis on holistic growth of the child. Considerations in choosing the kind of play (indoor/outdoor), play materials (indoor/ outdoor); types of play: constructive, fantasy, solitary, cooperative, creative: meaning only; types of play schools: Montessori, nursery, kindergarten- meaning only

July

Chapter 6 Disease and Prevention

Learning Outcome-

After studying this chapter you should be able to understand:

Diseases and their prevention.

Common childhood diseases (0-5 years): Tuberculosis, mumps, measles, chickenpox, diphtheria, pertussis, tetanus, rubella, polio: names only and associated vaccines; Definition and importance of immunisation.

I Unit Test Syllabus

Chapter 1 Concept and Scope of Home Science

Term 2

July

Chapter 7 Colour and its Applications

Learning Outcome-

After studying this chapter you should be able to understand:

Dimensions of colour – hue, value and intensity.

August

Chapter 7 Colour and its Applications

Learning Outcome-

After studying this chapter you should be able to understand:

Dimensions of colour – hue, value and intensity. Prang colour wheel (primary, secondary and tertiary colours); neutral, warm cool and metallic colours. Colour schemes: related (monochromatic/one hue colour, analogous / adjacent), contrasting (complementary, double complementary, split complementary, triad and tetrad) colour schemes and their applications in the home – drawing/living room, bed room, dining room and kitchen.

Chapter 8 Lighting in the Home.

Learning Outcome-

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.

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

