

SYLLABI FOR CLASS - VIII (CBSE) 2022-2023

ENGLISH LITERATURE

BOOK : HONEYDEW

PT 1 SYLLABUS

PROSE

1. THE TSUNAMI

POETRY

2. THE ANT AND THE CRICKET

HALF YEARLY EXAMINATION

PROSE

1. GLIMPSES OF THE PAST
2. BEPIN CHOUDHURY'S LAPSE OF MEMORY

POETRY

1. MACAVITY : THE MYSTERY CAT
2. THE LAST BARGAIN

INCLUDING PT1 SYLLABUS

PT2 SYLLABUS

PROSE

1. THE IS JODY'S FAWN

POETRY

1. THE DUCK AND THE KANGAROO

FINAL EXAMINATION

PROSE

2. A VISIT TO CAMBRIDGE
3. A SHORT MONSOON DIARY

POETRY

1. THE DUCK AND THE KANGAROO
2. ON THE GRASSHOPPER AND THE CRICKET

INCLUDING PT 2 SYLLABUS

REVISION CHAPTERS

1. GLIMPSES OF THE PAST
2. THE ANT THE CRICKET
3. MACAVITY : THE MYSTERY CAT
4. THE LAST BARGAIN

ENGLISH LANGUAGE

BOOK : ENGLISH ELEMENTARY GRAMMAR AND COMPOSITION

PT 1 SYLLABUS

1. SENTENCE RE-ORDERING
2. SENTENCE AND PHRASES
3. PARTS OF SPEECH
 - a. NOUNS
 - b. PRONOUNS
 - c. ADJECTIVES
 - d. ADVERBS
4. DIARY ENTRY

HALF YEARLY EXAMINATION

1. DIRECT AND INDIRECT SPEECH
2. CONJUNCTIONS
3. DIALOGUE COMPLETION
4. TENSES
5. Letter writing (formal & informal)
6. Unseen passage

INCLUDING PT1 SYLLABUS

PT 2 SYLLABUS

1. PREPOSITION
2. DETERMINERS
3. MODALS
4. ARTICLE WRITING

FINAL EXAMINATION

1. ACTIVE AND PASSIVE VOICE

2. REPORTED SPEECH (Dialogue form)
3. EDITING (Detecting and correcting errors)
4. USE OF PASSIVE VOICE (Process Writing)
5. OMISSION
6. GAP FILLING (Prepositions, Articles, Conjunctions, Tenses)
7. STORY WRITING

INCLUDING PT2 SYLLABUS

REVISION TOPICS

1. SENTENCE REORDERING
2. MODALS
3. TENSES
4. REPORTED SPEECH
5. LETTER WRITING (FORMAL & INFORMAL)
6. UNSEEN PASSAGE
7. DIARY ENTRY

हिन्दी

पुस्तक बसंत भाग-3 (NCERT)

नूतन व्याकरण आलोक (गोयल ब्रदर्स प्रकाशन)

पी.टी.1

- | | |
|----------------------|--------------------|
| 1. ध्वनि | 2. लाख की चूड़ियाँ |
| 3. संज्ञा | 4. शब्द निर्माण |
| 5. विलोम, पर्यायवाची | |

अर्द्धवार्षिक पाठ्यक्रम

हिन्दी साहित्य

1. कबीर की साखियाँ
2. ध्वनि
3. लाख की चूड़ियाँ
4. बस की यात्रा
5. क्या निराश हुआ जाए

हिन्दी-व्याकरण

1. अपठित गद्यांश
2. लघु कथा (लेखन)
3. अनुच्छेद
4. पत्र लेखन
5. संज्ञा, संज्ञा के विकार
6. सर्वनाम
7. पद-परिचय, संज्ञा, सर्वनाम
8. शब्द निर्माण-उपसर्ग, प्रत्यय, समास-अव्ययीभाव, द्वन्द्व, द्विगु
9. वाक्य विचार – परिभाषा व अवयव
10. वाक्य विग्रह
11. मुहावरे
12. विलोम
13. अनेकार्थक
14. पर्यायवाची
15. समश्रुति भिन्नार्थक
16. संधि

वार्षिक पाठ्यक्रम

पी.टी.2

- | | |
|-----------------------------------|-----------|
| 1. सुदामा चरित | 2. विशेषण |
| 3. प्रत्यय | 4. समास |
| 5. अनेकार्थक, समश्रुति भिन्नार्थक | |

हिन्दी साहित्य

1. सूरदास के पद
2. कामचोर
3. चिट्ठियों की अनूठी दुनिया
4. सुदामा चरित
5. अकबरी लोटा

हिन्दी व्याकरण

1. अपठित गद्यांश
2. लघु कथा
3. अनुच्छेद लेखन
4. पत्र-लेखन
5. विशेषण
6. क्रिया
7. पद-परिचय – विशेषण क्रिया
8. शब्द निर्माण – उपसर्ग, प्रत्यय, समास – तत्पुरुष, कर्मधारय, बहुव्रीहि
9. अर्थ की दृष्टि से वाक्य भेद
10. वाक्य रचनांतरण
11. मुहावरे
12. अनेकार्थक
13. समश्रुति भिन्नार्थक
14. पर्यायवाची
15. विलोम

संस्कृत

BOOK : Elementary Sanskrit manual Part-4

पी.टी.1

1. लृट् लकार
2. श्लोक (1)
3. सूक्तियाँ (5)
4. धातु रूप 'पठ्'
5. गिनतियाँ (11 से 20 तक)
6. सूक्ति अर्थ सहित

अर्द्धवार्षिक पाठ्यक्रम

1. लृट् लकार

2. मूर्खाः वानराः
3. चित्रपटम्
4. सूक्तियाँ (संस्कृत में)
5. श्लोक (2 अर्थ सहित)
6. सूक्ति (2 अर्थ सहित)

व्याकरण

- 1) हिन्दी वाक्यों का संस्कृत अनुवाद
- 2) धातु रूप पठ् व कृ लृट् लकार'
- 3) गिनती ग्यारह से बीस (11-20 संस्कृत में)

पी.टी.2

1. वर्षा ऋतुः
2. अनुकारकाः वानराः
3. श्लोक (1)
4. धातु रूप 'भू'
5. सूक्तियाँ (5)

वार्षिक पाठ्यक्रम

1. वर्षा ऋतुः
2. अनुकारकाः वानराः
3. रामस्य कथा
4. सूक्तियाँ (संस्कृत में)
5. श्लोक (2 अर्थ सहित)
6. सूक्ति (2 अर्थ सहित)

व्याकरण

1. हिन्दी वाक्यों का संस्कृत अनुवाद
2. धातु रूप भू व क्रीड् लृट् लकार

पुनरावृत्ति –

1. लृट् लकार

3. गिनती संस्कृत में
4. श्लोक (अर्द्धवार्षिक)
5. धातु रूप पद लृटलकार

MATHEMATICS

Books :

1. **Mathematics For Middle School Class-VIII(NCERT LATEST EDITION)**
2. **Candid Laboratory Manual in Mathematics By- ARVIND NAGPAL**

S. No	Chapter	Content
1	1	Rational number
2	2	Linear Eq in one valuable
3	3	Understanding Quarilateral
4	4	Square and Square root
5	5	Exponents and Power

Half Yearly Examination

S. No	Chapter	Content
6	13	Direct and Indirect pro
7	15	Introduction to graph
8	9	Algebraic Expression and identities

Half Yearly Examination includes P.T. 2

S. No	Chapter	Content
1	7	Cube and cube roots
2	4	Practical Geometry
3	8	Company Quantities
4	10	Visualising Solid Shapes

Final Examination

S. No	Chapter	Content
5	16	Playing with numbers
6	5	Data handing
7	11	Mensuration
8	14	Fraction

Final Examination includes P . T . – 2

PHYSICS

BOOK - Living Science try by A. C. sahgal and Mukul Sahgal

Publisher : Ratna Sagar

Periodic Test 1

11. Force and Pressure
12. Friction

Half Yearly examination

11. Force and Pressure
12. Friction
13. Sound
14. Some Natural Phenomena

Periodic Test 2

16. Reflection of Light
17. Refraction and Dispersion of Light

Final examination

- 16 Reflection of Light
 - 17 Refraction and Dispersion of Light
 - 18 The Universe
- Revision Chapters:
- 13 . Sound

BIOLOGY

BOOK – Living Science Ratna Sagar – 8

Writer – A.C. Sahgal and Makul Sahgal

Periodic Test – 1

- | | |
|--------|-------------------------------|
| Ls – 8 | Cell – Structure and Function |
| Ls – 9 | Reproduction |

Half Yearly Examination

- | | |
|--------|---------------------------------|
| L – 10 | Reaching the Age of Adolescence |
|--------|---------------------------------|
- Periodic Test 1 Chapters will be included
- Periodic Test – 2
- | | |
|--------|-----------------|
| Ls –1 | Crop Production |
| Ls – 2 | Microorganisms |

Final Examination

Ls – 7 Conservation of Plants and Animals

Periodic Test 2 Chapters will be included

Revision Chapters

Ls – 9 Reproduction

Ls – 10 Reaching the Age of Adolescence

CHEMISTRY

Book :- Living Science by A. C. Sahgal & Mukul Sahgal

Publisher :- Ratna Sagar

Periodic Test – 1

Chapter – 3 Synthetic fibres & Plastic

Chapter – 4 Metals & non – metals

Half yearly examination

Chapter – 3 Synthetic fibres & Plastic

Chapter – 4 Metals & non – metals

Chapter – 5 Coal & Petroleum

Periodic Test – 2

Chapter – 6 Combustion & flame

Chapter – 15 Chemical effects of Electric current

Final examination

Chapter – 6 Combustion & flame

Chapter – 15 Chemical effects of Electric current

Chapter – 16 Pollution of Air & Water

Revision Chapter

Chapter 4 Metals & non – metals

GEOGRAPHY

Book – SOCIAL SCIENCE Resource and Development (NCERT)

Periodic Test I

Chapter – 1 Resources

Half Yearly Syllabus

Chapter – 2 Land, Soil, Water, Natural Vegetation and Wildlife Resources

Chapter – 3 Mineral and Power Resources

Periodic Test 1 chapters will be included.

Periodic Test II

Chapter – 4 Agriculture

Final Syllabus

Chapter – 5 Industries

Chapter – 6 Human Resources

Periodic Test 2 Chapter will be included.

Revision Chapter

Chapter – 3 Mineral and Power Resources

HISTORY/CIVICS

Book : Social Science – Our Past – III – Part I (History)

Book Social And Political Life III Textbook for Class VIII (Civics)

Publisher – NCERT

Periodic Test – I

1. Chapter – 1 How, When and Where

CIVICS

1. Chapter – 1 The Indian Constitution

Half Yearly Syllabus

HISTORY

1. Chapter – 2 From Trade To Territory

2. Chapter – 3 Ruling the Countryside

CIVICS

1. Chapter – 2 Understanding Secularism

2. Chapter – 3 Why do we need a Parliament

Periodic Test 1 Chapter will be included.

Periodic Test 2

HISTORY

1. Chapter – 6 Weavers, Iron Smelters and Factory Owners

CIVICS

1. Chapter – 7 Understanding Marginalisation

HISTORY

1. Chapter - 4 Tribals, Dikus and the Vision of Golden Age

2. Chapter – 5 When People Rebel

CIVICS

1. Chapter – 5 Judiciary

2. Understanding our Criminal Justice System.

Revision Chapters

History –

Chapter – 2 – From Trade to Territory

Civics –

Chapter – 1 The Indian Constitution

Periodic test 2 chapter will be included.

GENERAL KNOWLEDGE

Book : KNOW FOR SURE – Indiannica Learning

Periodic Test – I

The Natural World

Things Around Me

Half Yearly

The Natural World

Things Around Me

This World Around Us

Sports

Quiz Yourself 1

Quiz Yourself 2

Periodic Test – II

Art and Culture

Numbers and Logical Skills

Final Examination

Art and Culture

Numbers and Logical Skills

Science and Technology

Language and Literature

Quiz Yourself 3

Model Test Paper 1

Model Test Paper 2

URDU

Book – Bazichaa – 4

Publication – New Publication Saraswati House

Periodic Test-1

1. Ae do jahan ke waali (P.T.1)

Half Yearly Examination

2. Waqt

3. Abraham hinkon

4. Urdu Number 1 – 50

5. Alphabet (Urdu)

Periodic Test-2

1. Urdu (Nazm) P.T.2

Final Examination

2. Muhammad Ali

3. Dal Jheel

4. Urdu numbers 1 – 100

5. Alphabet (Urdu)

COMPUTER

BOOK NAME – LIVE WIRE – Interactive Computer Science (Indiannica educational

Periodic Test – 1

● Networking Concepts

● AI–Social Impact

● Python (Programming)

Half Yearly Examination

● Introduction to MS Access

● Queries , Report and Forms in Access

Note :- (P.T. I Course will be include in Half Yearly Examination)

Periodic Test – 2

● Loops Coding in Python

● Lists and Tables in HTML

● Advance coding in HTML

Final Examination

● Cyber Ethics and Security

● Python Programming

Note : (Periodic Test 2 will be included in final examination)

□□□

SYLLABI FOR CLASS - IX (CBSE) 2022-2023

ENGLISH

PRE QUARTERLY EXAMINATION

Book : MOMENTS

1. The lost child
2. The Adventures of Toto

BOOK: BEEHIVE

1. The fun they had
2. The sound of music
3. The little girl

WRITING

1. Descriptive Passages

POEMS

1. The Road not taken
2. Wind

GRAMMAR

1. Tense
2. Subject verb Concord

READING

1. Discursive Passage
2. Factual Passage

QUARTERLY EXAMINATION

BOOK : MOMENTS

1. In the kingdom of fools
2. The Happy prince
3. Iswaran the Story teller

BOOK : BEEHIVE

1. A truly beautiful Mind
2. My childhood
3. The snake and the Mirror

WRITING

1. Short story

POEMS

1. Rain of the Roof
2. The Legend of the Northland
3. The Lake Isle of Innisfree

GRAMMAR

1. MODALS

READING

1. Discursive Passage
2. Factual Passage

Half Yearly Examination

Book : MOMENTS

1. The last leaf

Book BEEHIVE

1. Kathmandu
2. Reach for the top

WRITING

1. Descriptive Passage
2. Short story

POEMS

1. No men are foreign
2. On killing a tree
- 3- A slum bee did my spritsed

FINAL EXAMINATION

BOOK : MOMENTS

1. A house is not a home
2. The Beggar

GRAMMAR

1. Reported speech

READING

1. Discursive Passage
2. Factual Passage

WRITING

1. Descriptive Passage
2. Short story

GRAMMAR

1. Command & Request
2. Statements

POEMS

1. A slumber Did my Spirit Seal

READING

1. Discursive Passage
2. Factual Passage

हिन्दी

1. क्षितिज भाग 1

1/2 NCERT 1/2

2. कृतिका भाग 1

1/2 NCERT 1/2

3. नूतन व्याकरण आलोक

1/2 xks y cni l çdk' ku 1/2

प्री क्वाटरली पाठ्यक्रम

व्याकरण

साहित्य

1. शब्द निर्माण – उपसर्ग, प्रत्यय

1. साखियाँ और सबद –1

समास – अव्ययी भाव, द्वन्द्व

2. दो बैलों की कथा

2. अलंकार – शब्दालंकार

3. सवैये

3. अर्थ की दृष्टि से वाक्य भेद

4. इस जल प्रलय में

4. अपठित गद्यांश

5. अपठित काव्यांश
6. संवाद लेखन
7. अनुच्छेद—लेखन
8. लघु कथा लेखन0000
9. पत्र—लेखन

क्वाटरली पाठ्यक्रम

- | | |
|----------------------------|----------------------------|
| 1. अपठित गद्यांश | 1. वारव |
| 2. अपठित काव्यांश | 2. ल्हासा की ओर |
| 3. समास – द्विगु, कर्मधारय | 3. उपभोक्तावाद की संस्कृति |
| 4. अलंकार – उपमा, रूपक | 4. पुनरावृत्ति |
| 5. वाक्य रचनांतरण | 1. इस जल प्रलय में |
| 6. सूचना—लेखन | 2. सवैये |
| 7. ई—मेल लेखन | |

व्याकरण – प्री क्वाटरली पाठ्यक्रम का पुनः अभ्यास

अर्द्धवार्षिक पाठ्यक्रम

- | | |
|--------------------------------|---------------------|
| 1. अर्थ की दृष्टि से वाक्य भेद | 1. कैदी और कोकिला |
| 2. वाक्य रचनांतरण | 2. ग्राम श्री |
| 3. शब्दालंकार एवं अर्थालंकार | 3. मेरे बचपन के दिन |
| 4. समास – तत्पुरुष, बहुव्रीहि | 4. रीढ़ की हड्डी |
- पुनरावृत्ति – 1. ल्हासा की ओर

व्याकरण – प्री क्वाटरली व क्वाटरली पाठ्यक्रम का पुनः अभ्यास

वार्षिक पाठ्यक्रम

- | | |
|------------------|----------------------------|
| व्याकरण | साहित्य |
| 1. अनुच्छेद लेखन | 1. प्रेम चंद के फटे जूते |
| 2. लघु कथा लेखन | 2. साँवले सपनों की याद |
| 3. संवाद लेखन | 3. बच्चे काम पर जा रहे हैं |

- | | |
|----------------------------------|----------------------|
| 4. पत्र—लेखन | 4. मेरे संग की औरतें |
| | 5. मेघ आए |
| व्याकरण पाठ्यक्रम का पुनः अभ्यास | पुनरावृत्ति |
| | 1. रीढ़ की हड्डी |
| | 2. ग्राम श्री |

MATHEMATICS

BOOK NCERT LATEST EDITION CLASS –IX

DIVISION OF COMPUTERS

TERM	TOPIC TO BE COVERED
PRE – QUARTERLY	CH – 1 NUMBER SYSTEM CH – 2 POLYNOMIALS CH – 3 COORDINATE GEOMETRY CH – 6 LINES AND ANGLES CH – 7 TRIANGLES (EX 7.4 EXCLUDED) REVISION OF ENTIRE SYLLABUS
QUARTERLY	CH – 4 LINEAR EQUATION IN TWO VARIABLES CH – 5 INTRODUCTION TO EUCLID'S GEOMETRY CH – 8 QUARDILATERALS REVISION OF ENTIRE SYLLABUS
HALF YEARLY	CH – 12 HERON'S FORMULAS CH – 14 STATISTICS REVISION OF ENTIRE SYLLABUS
FINAL TERM	CH 10 CIRCLES CH 13 SURFACE AREA AND VOLUME

REVISION OF ENTIRE SYLLABUS

NOTE : FINAL TERM WILL INCLUDE ENTIRE SYLLABUS.

SCIENCE (CHEMISTRY)

Text Books: Science textbook for class-IX NCERT

Reference Book: Gateway to Science Chemistry

Practical Textbook: Goyal Brother Prakashan Living Science - Ratna Sagar

Pre Quarterly Examination

Chapter 02 Is Matter around us pure

Quarterly Examination

Chapter 01 Matter in our surroundings

Half Yearly Examination

Chapter 03 Atoms and Molecules

Final Examination

Chapter 04 Structure of Atom

Note – Final examination will include half yearly syllabus

SCIENCE (PHYSICS)

Book : NCERT FOR CLASS IX

Pradeep's Science Part I

*(Lab Manual Science Class IX Physics by
Dr. K L Gomber Surinder Lal)*

TERMWISE DIVISION OF SYLLABUSS. Vinesh

Pre Quarterly Examination

Chapter 1 MOTION

Quarterly

Chapter 2 FORCE AND LAWS OF MOTION

Half Yearly

Chapter 3 GRAVITATION

Final Examination

Chapter 4 Work, Energy & Power

Chapter 5 Sound

SCIENCE (086) BIOLOGY

Book : Gateway to science 9

Pre Quarterly Examination

The Fundamental Unit of Life (Chapter -5)

Quarterly Examination

(Chapter -5) The Fundamental unit of life

Half yearly Examination

Tissues (Chapter – 6)

Final Examination

Chap 15 - Improvements in food resources

Note :- Final Examination will include half yearly syllabus

HISTORY

Book NCERT – India and the Contemporary

World – 1

Pre Quarterly Examination

Lesson – 1 The French Revolution

Quarterly Examination

Lesson – 2 Socialism in Europe and the Russia Revolution

Half Yearly

Lesson 3 – Nazism and the rise of Hitler

Final Examination

Lesson 4 – Forest Society and Colonialism

Lesson 5 - Pastoralists in the Modern World

CIVICS

BOOK NCERT – Democratic politics -1

Pre Quarterly Examination

Lesson – 1 What is Democracy and why Democracy

Quarterly Examination

Lesson – 2 Constitutional Design

Half Yearly examination

Lesson -3 Electoral Politics

Lesson -2 Constitutional Design

Final Examination

- Lesson – 5 Democratic Rights
- Lesson – 4 Working of Institutions

GEOGRAPHY

Book NCERT – Contem Porory India – 1

Pre Quarterly Examination

- Lesson 1- India Size and location

Quarterly Examination

- Lesson 2 – Physical Features of India

Half Yearly Examination

- Lesson 3- Drainage
- Lesson 4- Climate

Final Examination

- Lesson 5- Natural Vegetation and Wildlife.
- Lesson 6- Population

ECONOMICS

Prescribe Book : Economics Text book for Class IX (NCERT)

Pre Quarterly

- Chapter – The Story of Village Palampur

Quarterly

- Chapter – People as a resource

Note : Pre – Quarterly chapter will be included

Half yearly

- Chapter - Poverty as a Challenge

Note : Pre – Quarterly and Quarterly Chapter will be included

Final

- Chapter - Food Security in India

Note : Pre – Quarterly, Quarterly & Half Yearly Chapter will be included

INFORMATION TECHNOLOGY (IT) 402

Book – INFORMATION TECHNOLOGY VOCATIONAL

(SUBJECT CEDE 402)

A Text book for IX CBSE Curriculum (New Edition)

Publisher :- KIPS learning Pvt Ltd.

PRE QUARTERLY EXAMINATION

- Employability Skills
 - Unit – 1 Communication Skills
 - Unit – 2 Self Managements skills
- Subject Specific Skills
 - Unit – 3 Digital Documentation

Artificial Intelligence

QUARTERLY EXAMINATION

- Employability Skills
 - Unit 3 ICT Skills
- Subject Specific Skills
 - Unit 3 Digital Documentation
 - Unit 4 Electronic Spreadsheet

Artificial Intelligence

Note :- PRE QUARTERLY SYLLABUS WILL BE INCLUDED IN QUARTERLY

HALF YEARLY EXAMINATION

- Employability Skills
 - Unit 4 Entrepreneurial Skills
- Subject Specific Skills
 - Unit 1 Introduction to IT-ITes industry
 - Unit 2 Data Entry & Keyboarding Skill
 - UNIT 5 Digital Presentation

Artificial Intelligence

FINAL EXAMINATION

- Employability Skills
 - Unit 5 Green Skills
- Subject Specific Skills
 - Unit 4 Electronic Spreadsheet
 - Unit 5 Digital Presentation

Artificial Intelligence

(Note HALF YEARLY SYLLABUS WILL BE INCLUDED IN FINAL)

□□□

SYLLABI FOR CLASS - X (CBSE) 2022-2023

ENGLISH

Book : (First Flight)

PRE -QUARTERLY SYLLABUS

ENGLISH LITERATURE

BOOK : FIRST FLIGHT

Pre quarterly

1. A letter to god
2. Dust of snow
3. Fire and ice
4. Nelson mandela
5. A tiger in the zoo
6. His first flight
7. Black aeroplane
8. The ball poem

Footprints without feet

1. A triumph of surgery
2. The thief's story
3. Footprints without feet
4. The Midnight Visitor

Language

1. Formal letter : letter to editor
2. Modals
3. Determiners

Quarterly

First flight

1. From the diary of Anne frank
2. Amada!
5. Glimpses of India

6. Animals
7. Mijbil the Offer
8. How to tell wild animals
9. The trees

Footprints without feet

1. The making of a scientist
2. The necklace
3. A question of Trust

Language

1. Formal letter : Letter of enquiry, Letter of placing order
2. Tenses
3. Subject–verb agreement
4. Reported speech

Half yearly

First flight

1. Madam rides the bus
2. The sermon at Benaras
3. The proposal
4. Fog
5. The tale of Custard the Dragon
6. For Anne Gregory

Footprints without feet

1. Bholi
2. The Book that saved the earth

Language

1. Formal letter : letter of complaint
2. Analytical passage
3. Dialogue writing

Pre – board full syllabus

Board full syllabus

BIOLOGY

Book – NCERT Science Book Class X (latest edition)

Reference book – Gateway to Science Biology Class 10

By– Dr. Preeti Saxena

Publisher–Goyal Brothers Prakashan

Pre-quarterly examination

1. Life processes

Quarterly examination

1. Control and Coordination
2. How do organisms reproduce?

Half yearly examination

3. Heredity and evolution (Excluding Evolution)
4. Our environment
5. Management of natural resources - Portfolio Activity

Pre quarterly and quarterly chapters are also included

Pre-Board and Final Examination – entire syllabus

हिन्दी व्याकरण

1. क्षितिज (NCERT) II
2. कृतिका (NCERT) II
3. नूतन व्याकरण आलोक—गोयल ब्रदर्स प्रकाशन

प्रीक्वाटरली पाठ्यक्रम

व्याकरण	साहित्य
रचना की दृष्टि से वाक्य भेद	नेता जी का चश्मा
वाच्य, वाच्य—भेद	सूरदास के पद
अपठित गद्यांश तथा काव्यांश	बालगोबिन भगत
पद परिचय— संज्ञा, सर्वनाम	यह दंतुरित मुस्कान
पत्र लेखन, अनुच्छेद लेखन	फसल
स्व—वृत्त, विज्ञापन, अलंकार	संस्कृति
	माता का आंचल

क्वाटरली पाठ्यक्रम

ई—मेल लेखन	राम लक्ष्मण परशुराम संवाद
वाक्य रचनान्तरण, वाक्य भेद	लेखनवी अंदाज
वाच्य रचनांतरण वाच्य भेद	माता का आंचल
पद—परिचय, विशेषण, क्रिया	आत्मकथ्य
अपठित गद्यांश काव्यांश	
अनुच्छेद लेखन, संदेश लेखन	
अलंकार, विज्ञापन	

प्री क्वाटरली पाठ्यक्रम का पुनः अभ्यास

अर्धवार्षिक पाठ्यक्रम

वाक्य भेद, रचनांतरण, उपवाक्य	नौबतखाने में इबादत
वाच्य भेद, रचनांतरण	संगीतकार, एक कहानी यह भी
अलंकार	उत्साह अट नहीं रही
पद परिचय (अव्यय शब्द)	मैं क्यों लिखता हूँ
स्ववृत्त, ईमेल, विज्ञापन व	साना—साना हाथ जोड़ि
संदेश लेखन	पूर्व पाठों का पुनः अभ्यास
पत्र लेखन, अनुच्छेद लेखन	

वार्षिक पाठ्यक्रम

अनुच्छेद लेखन
संदेश लेखन
समस्त पाठ्यक्रम का पुनः अभ्यास

MATHEMATICS

Book – Latest NCERT Mathematics Book for class X

Pre quarterly :-

1. Probability
2. Trigonometry
3. Real numbers (Deleted part - Euclid division lemma)

4. Polynomials (Deleted part - Division algorithm of Polynomial and cubic polynomials)

5. Coordinate geometry

Quarterly :-

6. Linear equations in two variables (Deleted parts : Cross multiplication method)

7. Geometry (triangles) (Deleted part : Area of Similar triangle and Pythagorus theorem)

8. Mensuration (area related to circles)

Half yearly :-

1. Quadratic equation

2. Arithmetic progression

3. Geometry (circles)

4. Statistics (Deleted part : Graphical representation of cumulative frequency distribution).

5. Surface area and volume (Deleted part : Frustum).

6. Height and distance

Entire syllabus - Preboard examination.

PHYSICS

Termwise Distribution of Syllabus (2022-2023)

Book: Science Textbook for Class X- NCERT

Pre- quarterly

Chapter : Reflection and refraction of light

Quarterly

Chapter : Human eye and colourful world

Half yearly

Chapter : Electricity

Chapter : Magnetic effects of electric current

Pre board revision

CHEMISTRY

Termwise Distribution of Syllabus (2022-2023)

Text Book: Science Textbook for Class X- NCERT

Reference Book : Gateway to Science Chemistry Goyal Brother Prakashan

Pre quarterly examination

Chapter 1 - Chemical reactions and equations

Quarterly examination

Chapter 2 - Acids, bases & salts

Chapter 3 – Metals and non – metals

Half yearly examination

Chapter 4 – Carbon and its compounds

Pre board examination

Pre quarterly + quarterly + half yearly syllabus

Board examination

Full syllabus

HISTORY

Textbook: India and the Contemporary World- 2 (NCERT)

Pre- quarterly

Chapter 1 The rise of Nationalism in Europe.

Chapter 5 The age of Industrialisation.

+ Project activity

Quarterly

Chapter 3 Nationalism in India

(with map work activity)

Chapter 4 The making of a global world

Half- yearly examination

Chapter 6 Print culture and modern world.

+ Entire syllabus

+ Revision of Chp 1 & Chp 3

+ Project activity

CIVICS

Textbook: Democratic Politics -2 (NCERT)

Pre quarterly

Chapter 1 Power sharing

Chapter 2 Federalism

Quarterly

Chapter 4 Gender, Religion & Caste

+ revision of Chp 1

Half-yearly examination

- Chapter 6 Political Parties
- Chapter 7 Outcomes of Democracy
- + Revision of Chp 2 & Chp 4
- + Subject enrichment activity

Final / preboard full syllabus

GEOGRAPHY

Book ncert- Contemporary India – 2

Pre – quarterly

- Lesson -1 Resource and development
- Lesson-2 Forest and Wildlife

Quarterly

- Lesson -4 Agriculture
- Lesson -3 Water Resources
- Lesson-5 Minerals and Energy Resources

Half yearly

- Lesson -6 Manufacturing industries
- Lesson -7 lifelines of national economy

ECONOMICS

Prescribe book : Understanding Economic Development (NCERT)

Pre- quarterly

- Chapter – Development
(sub enrichment activity)

Quarterly

- Chapter – Sectors of the Indian Economy
- Chapter – Money and Credit

Note : pre quarterly chapter will be included

Half yearly

- Chapter – Globalisation and the Indian Economy
- Note : pre quarterly & quarterly chapter will be included

INFORMATION TECHNOLOGY (IT)

Book name : Information Technology Subject code : 402

A textbook for class x cbse curriculum

Publisher : Kids Learning Pvt. Ltd.

Pre quarterly :

PART A : EMPLOYABILITY SKILLS

- Unit 1 : Communication skills -II
- Unit 2 : Self – management skills -II
- Unit 3: ICT Skills – II

PART B : SUBJECT SPECIFIC SKILLS

- Unit 1: Digital documentation (advanced)
- Unit 2 : Electronic spreadsheet (advanced)

Quarterly

PART B : SUBJECT SPECIFIC SKILLS

- Unit 1 : Digital documentation (advanced)
- Unit 2 : Electronic spreadsheet (advanced)
- Unit 3 : Data base management

Note : pre – quarterly syllabus will be added.

Half yearly –

PART A : EMPLOYABILITY SKILLS

- Unit 4 : Entrepreneurial skills – II
- Unit 5 : Green skills – II

PART : B SUBJECT SPECIFIC SKILLS

- Unit 3 : Data base management system
- Unit 4 : Web application and security



SYLLABI FOR CLASS - XI 2022-2023 (CBSE)

PHYSICAL EDUCATION

Book : Candid CBSE A Textbook of Physical Education - by Sanjay Kundra for Class XI (Evergreen Publication) Latest Edition

Practical Manual : CANDID Physical Education Practical Manual (Evergreen Publication)

Note Book Register (Classmate) of 172 pages, size 27.2x16.7=1
Register (Classmate) of 40 pages, size 27.2x16.7=1

Periodic Test

Unit I Changing Trends and Career in Physical Education

Quarterly Examination

Unit II Olympism

Unit III Yoga

Half Yearly Examination

Unit IV Physical Education & Sports for CWSN (Children with Special Needs - Divyang)

Unit V Physical Fitness, Health and Wellness

Unit VI Test, Measurement & Evaluation

Unit VII Fundamentals of Anatomy, Physiology in Sports

Unit VIII Fundamentals of Kinesiology and Biomechanics in Sports

Final Examination

Unit IX Psychology & Sports

Unit X Training and Doping in Sports

ENGLISH

BOOK –HORNBILL

Quarterly

- Unseen Passages :- Factual, Case based
- Writing Section :- Letter Writing, Advertisement
Business Letters :- Asking or giving information , placing orders and sending replies, Speech

- Grammar :- Determiners, Tenses
- Literature :- Discovering Tut , The laburnum Top, The address, The portrait of a lady, The summer of the beautiful white horse, A photograph

Half Yearly

- Unseen Passage :- Factual , Casebased
- Writing Section :- Letter Writing, Advertisement
Business Letters :- Enquiries , Registering complaints , Asking or giving information, placing orders and sending replies
Speech
- Grammar :- Determiners, Tenses, Re ordering of sentences
- Literature :- The Ailing Planet, (T2) , Albert Einstein at school (T2), The Adventure father to son, We are not afraid to die

Final

- Passages :- Factual , Note Making
- Writing Section :- Posters
Letter Writing :- Official Letters to School / College authorities, debate
- Grammar :- Determiners, Tenses, Re- ordering of sentences
- Literature :- The voice of the rain, childhood, Silk road, Mother's Day, Birth, The Tale of Melon City

हिन्दी

पुस्तक : आरोह भाग 1
वितान भाग 1
सरस्वती हिन्दी व्याकरण जनसंचार
अभिव्यक्ति और माध्यम

Quarterly Syllabus

- मिया नसीरुद्दीन
- मीरा (पद)
- भारतीय गायिकाओं में बेजोड़ लता मंगेशकर
- शब्दकोश- संदर्भ ग्रंथों की उपयोगी विधि।
- नमका का दरोगा
- कबीरदास

Half Yearly

- 1- गलता लोहा
 - 2- वे आंखें
 - 3- राजस्थान की रतज बूंदे
 - 4- जनसंचार माध्यम
- Revision of entire Syllabus

Final

- 1- स्पीति में बारिश
- 2- जामुन का पेड़
- 3- भारत माता
- 4- घर की याद
- 5- गजल
- 6- आओ मिलकर बचाएं
- 7- आलो आंधिर
- 8- पत्राकारिता के विविध आयाम
- 9- औपचारिक पत्र
- 10- अनुच्छेद लेखन

MATHEMATICS (APPLIED)

CLASS XI SYLLABUS FOR APPLIED MATHS

QUATERLY

1. NUMBERS , QUANTIFICATION , AND NUMERICAL APPLICATION, CALCULUS, ALGEBRA
2. DESCRIPTIVE STATISTICS

HALF – YEARLY

1. ALGEBRA CONTINUED
2. CALCULUS CONTINUED
3. PROBABILITY
4. COORDINATE GEOMETRY
5. BASIC OF FINANCIAL MATHEMATICS
6. MATHEMATICAL REASONING

MATHEMATICS

Quarterly

1. Coordinate Geometry
2. Calculus
3. Statistics and Probability

Half – Yearly

1. Sets and functions (Cont.)
2. Algebra (Cont.) Added Binomial theorem (Deleted Principle of Mathematical and)
3. Coordinate Geometry (Cont.)
4. Calculus (Cont.)
5. Statistics and Probability (Deleted Mathematical Reasoning)

COMPUTER

Text book : COMPUTER SCIENCE WITH PYTHON BY SUMITA ARORA (NEW EDITION)

QUATERLY

- UNIT -1 COMPUTER SYSTEMS AND ORGANISATION
- BOOLEAN LOGIC, TYPES OF SOFTWARE, OPERATING SYSTEM, NUMBER SYSTEM
- UNIT -2 COMPUTATIONAL THINKING AND PROGRAMMING -1
- PYTHON PROGRAMMING
 - CONDITIONAL STATEMENT
- UNIT -3 SOCIETY , LAW AND ETHICS
- SQL

HALF YEARLY

- UNIT 2 COMPUTATIONAL THINKING AND PROGRAMMING -1
- ITERATIVE STATEMENTS
 - STRINGS
 - LISTS
 - TUPLES

FINAL

- UNIT 2 COMPUTATIONAL THIKING AND PROGRAMMING – 1

- STRINGS
- LISTS
- TUPLES
- DICTIONARY
- INTRODUCTION IN PYTHON MODULES

UNIT 3 – SOCIETY LAW AND ETHICS

(NOTE : ENTIRE SYLLABUS INCLUDED IN FINAL EXAMINATION)

PHYSICS

REFERENCE BOOK – NOOTAN PHYSICS (NAGEEN PRAKASHAN)

TEXTBOOK – NCERT VOLUME 1 & 2

QUARTERLY

- PHYSICAL WORLD AND MEASUREMENT
- KINEMATICS
- LAWS OF MOTION

HALF YEARLY

- WORK , ENERGY AND POWER
- MOTION OF SYSTEM OF PARTICLES AND ROTATIONAL MOTION
- GRAVITATION
- PROPERTIES OF BULK MATTER

NOTE – HALF YEARLY WILL INCLUDE THE ENTIRE SYLLABUS OF QUARTERLY

FINAL

- THERMODYNAMICS
- BEHAVIOUR OF PERFECT GASES AND KINETIC THEORY OF GASES
- OSCILLATIONS AND WAVES

NOTE – FINAL TERM WILL INCLUDE THE ENTIRE SYLLABUS

BIOLOGY

TEXTBOOK : NCERT, BIOLOGY CLASS XI (LATEST EDITION)

BY – DR. B.B. ARORA , A. K. SABHARWAL

PRACTICAL BOOK :

LAB MANUAL BIOLOGY CLASS XI

AUTHOR – V. P. AGGARWAL , S.C. MAHESHWARI

PUBLICATION – ARYA PUBLICATIONS

CHAPTER NAME

QUARTERLY EXAMINATION

- 1 THE LIVING WORLD
- 2 BIOLOGICAL CLASSIFICATION
- 3 PLANT KINGDOM
- 4 ANIMAL KINGDOM
- 5 MORPHOLOGY OF FLOWERING PLANTS
- 6 ANATOMY OF FLOWERING PLANTS
- 7 STRUCTURAL ORGANISATION IN ANIMALS
- 8 CELL – THE UNIT OF LIFE
- 9 CELL CYCLE AND CELL DIVISION
- 10 BIOMOLECULES

HALF YEARLY EXAMINATION

- 13 PHOTOSYNTHESIS IN HIGHER PLANTS
- 14 RESPIRATION IN PLANTS
- 15 PLANT GROWTH AND DEVELOPMENT
- 17 BREATHING AND EXCHANGE OF GASES
- 18 BODY FLUIDS AND CIRCULATION

REVISION CHAPTERS – CHAPTER NO. 1 TO 10

FINAL EXAMINATION

- 19 EXCRETORY PRODUCTS AND THEIR ELIMINATION
- 20 LOCOMOTION AND MOVEMENT
- 21 NEURAL CONTROL AND COORDINATION
- 22 CHEMICAL COORDINATION AND INTEGRATION

NOTE :- ENTIRE SYLLABUS INCLUDED IN FINAL EXAMINATION

ENTERPRENEURSHIP

TEXTBOOK ENTERPRENEURSHIP XI PUBLICATION CBSE

QUARTERLY

- CH -1 ENTERPRENEURSHIP CONCEPT AND FUNCTION
 - CH -2 AN ENTERPRENEUR
 - CH -3 ENTERPRENEURIAL JOURNEY
- REVISION OF ENTIRE SYLLABUS

HALF YEARLY

- CH -4 ENTERPRENEURSHIP AS INNOVATION AND PROBLEM SOLVING
- CH -5 CONCEPT OF MARKET

NOTE :- CHAPTER 1 TO CH 3 WILL INCLUDED IN HALF YEARLY

FINAL

- CH-6 BUSINESS FINANCE AND ARITHMETIC
- CH-7 RESOURCE MOBILIZATION
- REVISION OF THE ENTIRE SYLLABUS
- PROJECT WORK

CHEMISTRY

Text Book - Chemistry Class XI Part I & II (NCERT)

Reference Book - New Era Chemistry Class XI (Vol I & II BY Dr. O. P. Tandon

Quarterly Examination

- Unit 1 : Some basic concepts of chemistry
- Unit 2 : Structure of atom
- Unit 3 : Classification of elements & periodicity in properties
- Unit 4 : Chemical bonding and molecular structures

Half yearly examination

- Unit 5 : Redox Reactions
- Unit 6 : Organic Chemistry some basic Principles & Techniques
- Unit 7 : Hydrocarbons

Final examination

- Unit 8 : Thermodynamics
- Unit 9 : Equilibrium

ACCOUNTANCY

Text book apc accountancy D.K. Goel Publication

Arya publications P. Ltd.

REFERENCE BOOK NCERT LATEST EDITION CLASS - XI

Division of chapters

QUARTERLY

PART A FINANCIAL ACCOUNTING

- CH -1 MEANING AND OBJECTIVES OF ACCOUNTING
- CH -2 BASIC ACCOUNTING TERMS
- CH -3 ACCOUNTING PRINCIPLES
- CH -4 PROCESS AND BASES OF ACCOUNTING
- CH -5 ACCOUNTING STANDARDS (IFRS)

- CH -6 ACCOUNTING EQUATIONS
- CH -7 DOUBLE ENTRY SYSTEM
- CH -8 SOURCE DOCUMENTS OF ACCOUNTANCY
- CH-9 BOOKS OF ORIGINAL ENTRY : JOURNAL
- CH -10 ACCOUNTING FOR GOODS & SERVICES TAX
- CH -11 BOOKS OF ORIGINAL ENTRY : CASH BOOK
- CH -12 BOOKS OF ORIGINAL ENTRY : SPECIAL PURPOSE SUBSIDIARY BOOKS
- CH -13 LEDGER

CLASS XII PART B CHAPTER

UNIT 5 – ACCOUNTING RATIOS

HALF YEARLY

- CH -14 TRIAL BALANCE AND ERRORS
- CH -15 BANK RECONCILIATION STATEMENT
- CH -16 DEPRECIATION
- CH -17 PROVISION AND RESERVE
- CH -19 RECTIFICATION OF ERRORS
- CH -20 CAPITAL AND REVENUE

NOTE : HALF YEARLY TERM WILL INCLUDE ENTIRE QUARTERLY SYLLABUS ALSO

FINAL TERM

- CH -21 FINANCIAL STATEMENTS
- CH -22 FINANCIAL STATEMENT WITH ADJUSTMENTS
- CH -23 ACCOUNTING FOR INCOMPLETE RECORDS

CLASS XII PART A

UNIT 1- ACCOUNTING FOR PARTNERSHIP FIRMS (FUNDAMENTALS)
REVISION OF ENTIRE SYLLABUS

NOTE : FINAL TERM WILL INCLUDE ENTIRE SYLLABUS

ECONOMICS

Prescribe Books :

1. Statistics for Economics NCERT (XI)
2. Introducing Micro Economics NCERT (XI)
3. Introductory Micro Economics by T.R. Jain and V.K Ohri (XI)
4. Introductory Macro Economics (XII) by T.R. Jain and V.K Ohri

Quarterly :

- Chapter 1: Central Problems of an economy (XI)
- Chapter 2 : Consumer equilibrium utility analysis
- Chapter 3 : Theory of demand (XI)
- Chapter 4 : Price elasticity of demand (XI)
- Chapter 5 : Collection of data (XI)
- Chapter 6 : Organisation of data (XI)
- Chapter 7 : Presentation of data (XI)
- Chapter 8 : Some basic concepts of Macro Economics (XII)
- Chapter 9: Money (XII)
- Project

Half Yearly:

- Chapter 1 : Production function and return to a factor (XI)
- Chapter 2 : Concept of cost (XI)
- Chapter 3 : Theory of supply (XI)
- Chapter 4 : Forms of market (XI)
- Chapter 5 : Measure of central tendency (XI)
- Chapter 6 : Measure of dispersion (XI)
- Chapter 7 : Banking (XII)
- Chapter 8 : Aggregate demand, aggregate supply and related concepts (XII)

Project

Note : Chapters 1,2,3,4,5,6,7 from quarterly will be included

Final

- Chapter 1 : Market Equilibrium under perfect competition & shifts in demands supply (XI)
- Chapter 2 : Correlation (XI)
- Chapter 3 : Index Numbers (XI)
- Chapter 4 : Government budget & the economy (XII)
- Chapter 5 : Foreign Exchange rate (XII)
- Project

Note : Final Term will include Quarterly & Half Yearly chapters also.

BUSINESS STUDIES

Textbook : Business Studies for XI (NCERT)

Quarterly

- Chapter 1 : Business , trade and commerce
- Chapter 2 : Forms of business organisations
- Chapter 3 : Private, public and global enterprises
- Chapter 4 : Business services

Half Yearly

- Chapter 5 : Emerging modes of business
- Chapter 6 : Social responsibility of business and business ethics
- Chapter 8 : Sources of business finance
- Chapter 9 : Small business + revision of Ch 2 & 4

Final term

- Chapter 10 : Internal trade
- Chapter 11 : International business
- + revision of all chapters (entire syllabus)

HISTORY

Book : Themes In world History (NCERT)

Pre-Quarterly Examination (Section I Early Societies)

QUARTERLY EXAMINATION

- THEME 3 – AN EMPIRE ACROSS THREE CONTINENTS
- THEME 5 – NOMADIC EMPIRES

HALF YEARLY EXAMINATION

- THEME 6 – THE THREE ORDERS
- THEME 7 – CHANGING CULTURAL TRADITIONS

FINAL EXAMINATION

- THEME 10 – DISPLACING INDIGENOUS PEOPLE.
- THEME 11 - PATH TO MODERNIZATION

POLITICAL SCIENCE

Project : Based on Syllabus XI

Quarterly

Book I - Indian Constitution at work

1. Constitution
2. Election and Representation

Book 2 - Political Theory

1. Political Theory an introduction
2. Liberty

Half Yearly

Book I - Indian Constitution at work

3. The Legislature
4. The executive

Book 2 - Political Theory

3. Equality
4. Justice (Revision of Quarterly)

Final Examination

Book I - Indian Constitution at work

5. The Judiciary
6. Federalism

Book 2 - Political Theory

5. Rights
6. Citizenship
7. Nationalism
8. Secularism

PSYCHOLOGY

PSYCHOLOGY NCERT TEXTBOOK FOR CLASS XI

QUARTERLY

1. What is Psychology?
2. Methods of enquiry in Psychology

HALF YEARLY

1. Human development
2. Sensory, Attentional & Perceptual Processes
3. Thinking

FINAL

1. Learning
 2. Human Memory
 3. Motivation and Emotion
- (Revision of Entire Syllabus)



SYLLABI FOR CLASS - XII 2022-2023 (CBSE)

ENGLISH

Pre Quarterly Examination

Literature : Book : Flamingo

1. The last lesson
2. The lost spring
3. Deep water
4. Poet and Pancakes

Poetry:

1. My mother at sixty six
2. A roadside stand
3. Keeping quiet

Book : Vistas

1. The third level
2. The Tiger King
3. On the face of it

Reading:

1. Unseen passages
2. Care base unseen passage

Creative Writing :

1. Notice writing
3. Letter to the editor
4. Article writing

Quarterly Examination

Literature : Book Flamingo

1. The rat trap
2. The Interview

Book : Flamingo Poetry

1. A thing of beauty
2. Aunt Jennifer's Tiger

Creative Writing Skills

Book : Vistas 1 . Memories of Childhood

- a. The cutting of long hair b. We too are human beings

1. Formal invitation
2. Informal invitation

Half Yearly Examination

Literature : Book Flamingo Prose

1. Indigo
2. Going places

Book : Vistas

1. On the face of it
2. Journey to the end of the earth
3. The enemy

Creative Writing Skills

1. Formal Replies
2. Informal Replies
3. Letter / Application
4. Report writing

Revision of entire course.

हिन्दी

पुस्तक : आरोह भाग 2

वितान भाग 2

जनसंचार अभिव्यक्ति और माध्यम

सरस्वती हिन्दी व्याकरण

Pre Quarterly Syllabus

- 1— भक्तिन
- 2— दिल जल्दी जल्दी ढलता है
- 3— कविता के बहाने
- 4— बाजार दर्शन
- 5— सिल्वर वैडिंग
- 6— आत्म परिचय

अपठित गद्यांश

अपठित काव्यांश

पत्रकारीय लेखन

Quarterly Syllabus

- 1— काले मेघा पानी दे
- 2— कैमरे में बंद अपाहिज

- 3- आत्म परिचय
- 4- शिरीष के फूल
- 5- जूझ
- 6- अतीत के दबे पांव
- 7- फीचर लेखन
- 8- कार्यालय पत्र

Half Yearly

- 1- उषा
- 2- पहलवान की ढोलक
- 3- कवितावली
- 4- लक्ष्मण मूर्च्छा और राम का विलाप
- 5- रूबाइयाँ
- 6- श्रम विभाजन और जाति प्रथा
मेरी कल्पना का आदर्श समाज
- 7- बगुलों के पंख
- 8- छोटा मेरा खेत

व्याकरण – कविता नाटक, कहानी पर आधारित प्रश्न-उत्तर
अनुच्छेद लेखन

Final Examination

समस्त पाठ्यक्रम का पुनः अभ्यास

MATHEMATICS (041)

CLASS XII

Book : *Mathematics Class XII Part I & II - NCERT*

Ref. : *Senior Secondary school. Mathematics by Dr. R.S. Agarwal*

Pre Quarterly :-

1. Matrices and Determinant
2. Calculus

Quarterly

1. Relation & Function

2. Linear Programming
3. Calculus Contd.
(maxima & minima approximation)

Half Yearly

1. Integral Calculus (Definite & Indefinite Integral)
2. Application of Integral
3. Vector & 3 dim. Geometry
4. Probability

APPLIED MATHEMATICS (241)

CLASS XII

Pre Quarterly :-

1. Algebra
2. Calculus
3. Index Number

Quarterly :-

1. Number , Qualification & Numerical Application
2. Probability Distribution

Half Yearly :-

1. Calculus (contd.)
2. Index Number contd.
3. Linear Programming
4. Inferential Statistics
5. Financial Mathematics

PHYSICS

Reference Book – Nootan Physics (Nageen Prakashan)

Text Book – NCERT Volume I and II

- Pre Quarterly :**
- 1) Electrostatics
 - 2) Current Electricity
 - 3) Magnetic Effects of Current and Magnetism

- Quarterly :**
- 1) Electromagnetic Induction and A.C.
 - 2) Electromagnetic Waves
 - 3) Optics

- Half Yearly :**
- 1) Dual Nature of Radiation and Matter

- 2) Atoms and Nuclei
- 3) Electronic devices

CHEMISTRY CLASS XII

(Inorganic & Organic Chemistry)

Syllabus suggested for the current session

Pre-Quarterly Examination :

- Chapter 1) Solution
 2) Electrochemistry
 3) Halo Alkanes & Halo Arenes

Quarterly Examinations :

- 4) Alcohols, Phenol and Ether
- 5) Aldehydes, Ketones and Carboxylic acids
- 6) Amines

Half Yearly Examination :

- 7) Chemical Kinetics
- 8) Biomolecules
- 9) d and f - block Element
- 10) Co - Ordination Compounds

REVISION

BUSINESS STUDIES

Text Book :

1. **Business Studies for XII Part- I**
2. **Business Studies for XII Part- II (NCERT)**
3. **Business Studies for XII – R.K. Singla (V.K. Publications)**

Pre Quarterly

- Chapter 1 Nature & Significance of Management
 Chapter 2 Principles of Management
 Chapter 3 Business Environment

Quarterly

- Chapter 4 Planning
 Chapter 5 Organising + Revision of Chapter 1 and Chapter 2
 Chapter 11 Marketing

Half Yearly

- Chapter 6 Staffing
 Chapter 7 Directing
 Chapter 8 Controlling
 Chapter 9 Financial Management
 Chapter 10 Financial Markets
 Chapter 12 Consumer Protection

FINAL / PRE BOARD

Complete Syllabus

COMPUTER SCIENCE (XII)

Textbook : Computer Science (083) with Python Textbook

Publisher : Dhanpat Rai & company

Author : Sumita Arora

Ref : Computer Science (NCERT):XII

Examination Topic

Pre – Quarterly :

- a) UNIT 1 : Computational Thinking and Programming -2
 - Python Revision tour I & II
 - Working with functions
 - Library
 - File handling
- b) SQL

Quarterly :

- Unit 1: Computational thinking and programming-2
- File handling
 - Data Structure
- Unit 2: Computer Networks
- Note Pre Quarterly syllabus will be addedd

Half Yearly

- Unit 1: Computational thinking and programming-2
- Unit 2: Computer Networks
- Unit 3: Data Base Management

ECONOMICS (XII)

Prescribe books

- i. **Introductory Macro economics (NCERT)**
- ii. **Indian Economic Development (NCERT)**
- iii. **Introductory macro economics by T.R.JAIN and V.K.OHRI**

Pre quarterly

- Chapter 1 Some basics concepts of macro economics (revision)
- Chapter 2 National income and related aggregate
- Chapter 3 Methods of calculating national income
- Chapter 4 Money (revision)
- Chapter 5 Banking (revision)
- Chapter 6 Aggregate demand , Aggregate supply & related concepts (revision)
- Chapter 7 Short run equilibrium output
- Chapter 8 Problem of deficient & excess demand
- Chapter 9 Government budget & the economy (revision)
- Chapter 10 Balance of payments
- Chapter 11 Foreign exchange rate (revision)
- Chapter 12 Indian economy on the eve of Independence
- Chapter 13 Indian economy 1950 – 1990

Project

Quarterly

- Chapter 1 Liberalization , Privatization & Globalization : an appraisal
- Chapter 2 Poverty
- Chapter 3 Human capital formation in India
- Chapter 4 Rural development

Note : Pre – quarterly chapters will be included

Project

Half – yearly

- Chapter 1 Employment , growth , informalisation & other issues
- Chapter 2 Infrastructure
- Chapter 3 Environment & sustainable development
- Chapter 4 Comparative development experiences of India & its experiences of India & its neighbours

Project

Note: Full course will be included in Half yearly.

ACCOUNTANCY

Text Book : APC Accountancy (Part A) - APC (Analysis of Financial Statements) Arya Publications (Part B)

Reference Book : NCERT Class XII (Latest Edition)

Term Topics to be covered

PRE- QUARTERLY

Part A:- UNIT 2- Accounting For Partnership Firms

- CH-1 Accounting for partnership Firm – fundamental
 - CH-2 Partnership – change in profit sharing ratio
 - CH-3 Partnership- Admission of a partner
 - CH-4 Retirement and Death of a partner
- Revision of a pre quarterly syllabus

Quarterly

- CH-5 Dissoluton of a Partnership
 - CH-1 Financial Statement of a company
 - CH-2 Financial Statement Analysis
 - CH-5 Accounting Ratio
- Revision of Quarterly syllabus which includes Pre quarterly syllabus also

Half Yearly

- Unit 5 CH-6 Cash Flow statement (As per as 3 revised)
 - Unit 3 Accounting for companies
 - CH-6 Company accounts- Issue of shares
 - CH-7 Issue of debenture
- Project Work
- Revision of entire syllabus

ENTREPRENEURSHIP

Text Book Entrepreneurship XII Publication NCERT

TERM

TOPIC TO BE COVERED

- | | |
|----------------------|--------------------------------------|
| Pre Quarterly | Unit 1: Entrepreneurship Opportunity |
| | Unit 2: Enterprise Planning |
| Quarterly | Unit 3: Enterprise Marketing |
| | Unit 4: Enterprise Growth Strategies |

SYLLABUS INCLUDES PRE QUARTERLY CHAPTERS ALSO

Half Yearly Unit 5: Business Arithmetic
 Unit 6: Resource Mobilization
 FINAL TERM INCLUDE ENTIRE SYLLABUS
 Project Work
 A) Market Survey
 B) Business Plan
 REVISION OF ENTIRE SYLLABUS

BIOLOGY

TEXTBOOK : NCERT, BIOLOGY CLASS XII (LATEST EDITION)
REFERENCE BOOK : MODERNS abc OF BIOLOGY FOR CLASS XII(LATEST EDITION)
BY- DR. B. B. ARORA , A.K. SABHARWAL
PRACTICAL TEXTBOOK-
LABORATORY MANUAL BIOLOGY CLASS XII
BY- V.P. AGGARWAL , S.C. MAHESHWARI
PUBLICATION- ARYA PUBLICATIONS
PRE QUATERLY EXAMINATION

Chapter2 Sexual reproduction in flowering plants
Chapter3 Human Reproduction
Chapter4 Reproductive Health
Chapter5 Principles of inheritance and variation

QUARTERLY EXAMINATION

Chapter6 Molecular basis of inheritance
Chapter7 Evolution
Chapter8 Human health and disease
Chapter10 Microbes in human welfare

HALF YEARLY EXAMINATION

Chapter11 Biotechnology- Principles And Processes
Chapter12 Biotechnology and its application
Chapter13 Organism and Population
Chapter14 Ecosystem
Chapter15 Biodiversity and conservation

PRE BOARD AND FINAL EXAMINATION

Entire Syllabus

HISTORY

Book 1 – Themes in Indian History (Part I)

Book 2 – Themes in Indian History (Part II)

Book 3 – Themes in Indian History (Part III)

Pre- Quarterly Examination

Lesson 1 – Bricks, Beads and Bones (Book-1)
Lesson 6 – Bhakti and Sufi Traditions (Book-2)
Lesson 4 – Thinkers Beliefs and Buildings (Book-1)

Quarterly Examination

Lesson 5 - Through the Eyes of Travellers (Book 2)
Lesson 2 – Kings, Farmers and Towns (Book 1)
Lesson 3 – Kinship Caste & Class (Book 1)
Lesson 7 – An Imperial Capital Vijaynagara (Book 2)
Lesson 15 – Framing the Constitution (Book 3)

Half Yearly Examination

Lesson 10 – Colonialism and the Countryside (Book 3)
Lesson 11 – Rebels and the Raj (Book 3)
Lesson 13 – Mahatma Gandhi and the Nationalist Movement (Book 3)
Lesson 8 – Peasants, Zamindars and the State (Book 2)

POLITICAL SCIENCE

Based on Syllabus

Pre Quarterly :-

Book 1. Contemporary World Politics

1. The end of Biopolarity
2. New Centres of Power
3. Contemporary South Asia

Book 2. Policies in India Since Independence

1. Challenges of Nation Building
2. Planned Development
3. India's Foreign Policy

Quarterly

Book 1. Contemporary World Politics

4. United Nations and its organisation
5. Security in Contemporary World

Book 2. Policies in India Since Independence

4. Parties and Party System in India
5. Democratic Resurgence

Half yearly Examination

Book 1. Contemporary World Politics

6. Environment and Natural Resources
7. Globalisation (Full syllabus of Pre Quarterly + Quarterly)

Book 2. Politics in India Since Independence

6. Regional Aspirations
7. Indian Policies : Recent Trends and Development
(Full syllabus of Pre-Quarterly & Quarterly)

PHYSICAL EDUCATION

Book : CANDID CBSE A Textbook of Physical Education - by Sanjay Kundra for class XI (Evergreen Publication) Latest Edition

Practical Manual : CANDID Physical Education Practical Manual (Evergreen Publication)

Note Book : Register (Classmate) of 172 pages size 27.2x16.7 = 1
Register (Classmate) of 40 pages, size 27.2x16.7 = 1

Pre Quarterly Examination :-

- | | |
|---------|-------------------------------|
| Unit I | Management of Sporting Events |
| Unit II | Children & Women in Sports |

Quarterly Examination

- | | |
|----------|--|
| Unit III | Yoga as Preventive measure for Lifestyle Disease |
| Unit IV | Physical Education & Sports for CWSN (Children with Special Needs - Divyang) |
| Unit V | Sports & Nutrition |

Half yearly Examination

- | | |
|----------|---------------------------------|
| Unit VI | Test & Measurement in Sports |
| Unit VII | Physiology & Injuries in Sports |

Unit VIII Biomechanics & Sports

Unit IX Psychology & Sports

Unit X Training in Sports

Pre Board Examination

- Full Syllabus

Board Examination

- Full Syllabus

PSYCHOLOGY

Book : Psychology NCERT Textbook for Class XII

Prequarterly

1. Variations in Psychological Attributes
2. Self and Personality

Quarterly

1. Meeting Life Challenges
2. Psychological Disorders
3. Therapeutic Approaches

Half Yearly

1. Attitude and Social Cognition
2. Social Influence and Group Processes

Preboard Full Syllabus

Board Full Syllabus

