

CLASS XI (PCM)

SUBJECT:- PHYSICS

PRESCRIBED BOOKS:- PHYSICS NCERT-XI

PT -1

Chapter–2: Units and Measurements

Chapter–3: Motion in a Straight Line

PT -2

Chapter–4: Motion in a Plane

Chapter–5: Laws of Motion

TERM -I

Chapter–2: Units and Measurements

Chapter–3: Motion in a Straight Line

Chapter–4: Motion in a Plane

Chapter–5: Laws of Motion

Chapter–6: Work, Energy and Power

Chapter–7: System of Particles and Rotational Motion

Chapter–8: Gravitation

P.T -3

Chapter–9: Mechanical Properties of Solids

TERM-II

Chapter–2: Units and Measurements

Chapter–3: Motion in a Straight Line

Chapter–4: Motion in a Plane

Chapter–5: Laws of Motion

Chapter–6: Work, Energy and Power

Chapter–7: System of Particles and Rotational Motion

Chapter–8: Gravitation

Chapter–9: Mechanical Properties of Solids

Chapter–10: Mechanical Properties of Fluids

Chapter–11: Thermal Properties of Matter

Chapter–12: Thermodynamics

Chapter–13: Kinetic Theory

Chapter–14: Oscillations

Chapter–15: Waves

SUBJECT: CHEMISTRY

Prescribed Book: CHEMISTRY –XI (NCERT)

PT-1

CHAPTER-1: SOME BASIC CONCEPT OF CHEMISTRY.

CHAPTER-2:- STRUCTURE OF ATOM

PT- 2

CHAPTER-3:- CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES

CHAPTER-4:- CHEMICAL BONDING AND MOLECULAR STRUCTURE

TERM -I

CHAPTER-1: SOME BASIC CONCEPT OF CHEMISTRY

CHAPTER-2:- STRUCTURE OF ATOM

CHAPTER-3:- CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES

CHAPTER-4:- CHEMICAL BONDING AND MOLECULAR STRUCTURE

CHAPTER-5:- CHEMICAL THERMODYNAMICS

PT-3

CHAPTER:- 6-EQUILIBRIUM

.CHAPTER :-7-REDOX REACTION

TERM-II

CHAPTER-1:- SOME BASIC CONCEPT OF CHEMISTRY

CHAPTER -2:- STRUCTURE OF ATOM

CHAPTER-3:- CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES

CHAPTER-4:- CHEMICAL BONDING AND MOLECULAR STRUCTURE

CHAPTER-5:- CHEMICAL THERMODYNAMICS

CHAPTER-6:- EQUILIBRIUM

CHAPTER-7:- REDOX REACTION

CHAPTER-8:- ORGANIC CHEMISTRY-SOME BASIC PRINCIPLES AND TECHNIQUES

CHAPTER-9:-HYDROCARBONS

SUBJECT – MATHEMATICS

Prescribed Book: MATHEMATICS-XI (N.C.E.R.T)

P.T – 1

1. Sets.
2. Relation and functions.
3. Trigonometry.

P.T – 2

1. Complex no. and quadratic equation.
2. Linear Inequations.

TERM-I

1. Complex no. and quadratic equation.
2. Linear Inequations.
3. Permutation and combination.
4. Sets.
5. Relation and functions.
6. Trigonometry.

P.T-3

1. Sequence and series.
2. Binomial theorem.
3. Straight line.

TERM-II

1. Conic section.
2. Introduction to 3-D geometry.
3. Limits and derivatives.
4. Statistics & probability.
5. Sets.
6. Relation and functions.
7. Trigonometry.
8. Complex no. and quadratic equation.
9. Linear Inequations.
10. Complex no. and quadratic equation.
11. Linear Inequations.
12. Permutation and combination.
13. Sets.
14. Relation and functions.
15. Trigonometry.
16. Sequence and series.

- 17. Binomial theorem.
- 18. Straight line.

Sub- English

Prescribed Book: Snapshot, Hornbill.

PT-1

Literature

Chapter 1- portrait of a lady

Poem – A Photograph

Chapter -1

The summer of the beautiful white horse

Grammar – Gap Filling

Writing – Note Making

Writing – Drafting Posters

PT -2

Literature

Chapter 2 – We are not afraid to die .. The Saga Continued

Poem – The Laburnum Top

The voice of Rain

Chapter 2 - The Address

Grammar – Gap Filling, Reordering of sentences.

Writing -Drafting Poster, letter to Editor, Note making

TERM-I

Chapter 3 – Discovering Tut.. The Saga continues

Poem- A Photograph.

Poem - The Laburnum Top.

Poem- The Voice of the Rain.

Chapter 1- The Summer of beautiful white horse.

Chapter 2- The Address.

Chapter 3- Ranga's marriage

Grammar – Determiners, Tenses, Modals,

Writing :- Poster, Note Making, Letter to Editor.

PT-3

Chapter 6- The Browning Version

Poem – Childhood

Chapter 5 – Mother's Day

Grammar – Active and Passive Voice

Writing - Classified advertisement

TERM-II

Chapter 1- The Portrait of a Lady

Chapter 2 – We Are Not Afraid to die

Chapter 3- Discovering Tut .. The Saga Continued

Chapter 6- The Browning Version

Chapter 7 – The Adventure

Chapter 8 -The Silk Road
Poem – A photograph,
Poem - The Laburnum Top
Poem – The Voice of The Rain
Poem -Childhood
Poem - Father To son

Chapter 1- The Summer of the beautiful white horse
Chapter 2-The Address
Chapter 3- Ranga's Marriage
Chapter 5 -Mother's Day
Chapter 7 -Birth
Chapter8 – The Tail of Melon City
Grammar - Determiners, Tenses, Modals, Active and Passive voice
Writing – Drafting Poster, Letter to editor, Note Making, Classified advertisement

हिंदी विषय पाठ्यक्रम

1. आरोह, भाग-1, एन.सी.ई.आर.टी., नई दिल्ली द्वारा प्रकाशित नवीनतम संस्करण
2. वितान, भाग-1, एन.सी.ई.आर.टी., नई दिल्ली द्वारा प्रकाशित नवीनतम संस्करण
3. जन संचार माध्यम और पत्रकारिता के विविध आयाम

PT-1

गद्य-खंड -

1 नमक का दारोगा (प्रेमचंद्र)

काव्य -खंड

1 पद (1)हम तौ एक एक करि जानां (कबीर)

2 पद (1) मेरे तौ गिरधर गोपाल ,दूसरो न कोई (मीरा)

व्याकरण

जन संचार माध्यम (संचार के तत्व, संचार के प्रकार, जन संचार की परिभाषाएँ, जनसंचार का अर्थ, जन संचार के संघटक, जनसंचार का महत्व, जनसंचार का महत्व |

PT -2

गद्य-खंड

* अपू के साथ ढाई साल

काव्य -खंड

* घर की याद (भवानी प्रसाद मिश्र)

व्याकरण

* औपचारिक पत्र लेखन

* डायरी लेखन

TERM-I

गद्य खंड

पाठ 1:- नमक का दारोगा (प्रेमचंद्र)

पाठ 2:- मियाँ नसीरुद्दीन (कृष्णा सोबती)

पाठ 3:- अपू के साथ ढाई साल (सत्यजीत राय)

पाठ 4:- विदाई- संभाषण (बालमुकुंद गुप्त)

काव्य -खंड

- पाठ 1:- हम तौ एक एक करि जांनां (कबीर)
पाठ 2:- मेरे तो गिरधर गोपाल, दूसरों न कोई (मीरा)
पाठ 5:- घर की याद (भवानी प्रसाद मिश्र)
पाठ 6:- चंपा काले- काले अच्छर नहीं चिंहती (त्रिलोचन)

वितान (पूरक पाठ्य पुस्तक)

- पाठ 1:- भारतीय गायिकाओं में बेजोड़- लता मंगेशकर (कुमार गंधर्व)
पाठ 2:- राजस्थान की रजत बूँद (अनुपम मिश्र)

व्याकरण

- रचनात्मक लेखन
अप्रत्याशित लेख
* औपचारिक पत्र
* डायरी लेखन
* कथा-पटकथा
* स्ववृत्त
* जनसंचार माध्यम और पत्रकारिता के विविध आयाम
* शब्दकोश
* संदर्भ ग्रंथ

PT 3

गद्य-खंड

- पाठ 5:- गलता लोहा (शेखर जोशी)

काव्य-खंड

- पाठ 7:- गज़ल (दुष्यंत कुमार)

व्याकरण

- डायरी लेखन, कथा-पटकथा

TERM-II

गद्य-भाग

- ★पाठ 1:- नमक का दारोगा (प्रेमचंद)
★पाठ 2:- मियाँ नसीरुद्दीन (कृष्णा सोबती)
★पाठ 3:- अपू के साथ ढाई साल (सत्यजीत राय)
★पाठ 4:- विदाई- संभाषण (बालमुकुंद गुप्त)
★पाठ 5:- गलता लोहा (शेखर जोशी)
★पाठ 7:- रजनी (मन्नू भंडारी)
★पाठ 8:- जामुन का पेड़ (कृष्णचंदर)
★पाठ 9:- भारत माता (जवाहरलाल नेहरू)

काव्य-खंड

- ★पाठ 1:- हम तौ एक एक करि जांनां (कबीर)
★पाठ 2:- मेरे तो गिरधर गोपाल, दूसरों न कोई (मीरा)
★पाठ 5:- घर की याद (भवानी प्रसाद मिश्र)

- ★ पाठ 6:- चंपा काले- काले अच्छर नहीं चिंहती (त्रिलोचन)
- ★ पाठ 7:- गज़ल (दुष्यंत कुमार)
- ★ पाठ 8:- हे भूख! मत मचल (अक्क महादेवी)
- ★ पाठ 9:- सबसे खतरनाक (अवतार सिंह पाश)
- ★ पाठ 10:- आओ, मिलकर बचाएं (निर्मला पुतुल)

वितान-1 (पूरक पाठ्य-पुस्तक)

- ★ पाठ 1:- भारतीय गायिकाओं में बेजोड़- लता मंगेशकर (कुमार गंधर्व)
- ★ पाठ 2:- राजस्थान की रजत बूँद (अनुपम मिश्र)
- ★ पाठ 3:- आलो अँधारि (बेबी हालदार)

व्याकरण

अभिव्यक्ति और माध्यम (पत्रकारिता)

- ★ पाठ 1:- जनसंचार माध्यम
- ★ पाठ 2:- पत्रकारिता के विविध आयाम
- ★ पाठ 9:- डायरी लिखने की कला
- ★ पाठ 10:- कथा-पटकथा
- ★ पाठ 14:- कार्यालयी लेखन और प्रक्रिया
- ★ पाठ 15:- स्ववृत्त लेखन और रोज़गार संबंधी आवेदन पत्र
- ★ पाठ 16:- शब्दकोश, संदर्भ ग्रन्थों की उपयोगी विधि और परिचय

COMPUTER SCIENCE

Prescribed Book: Preeti Arora(S Chand publication)

PT-1

- Basics of Computer Organisations
- Data Representation

PT-2

- Boolean Logic
- Inside into Program Execution

Term-1

1. Basics of Computer Organizations
2. Data Representation
3. Boolean Logic
4. Inside into Program Execution

PT-3

- Computational Thinking & Getting Started with Python
- Python Fundamental

Term - II

1. Basics of Computer Organisations
2. Data Representation
3. Boolean Logic
4. Inside into Program Execution
5. Computational Thinking & Getting Started with Python
6. Python Fundamental

7. Data Base Management System
8. Society, Law & Ethics

PHYSICAL EDUCATION

Prescribed Book: Saraswati publication

PT-1

1. Changing Trends and career in physical education
2. Olympism

PT-2

3. Meaning & Importance of yoga
4. Physical Education and sports for CWSN
(Children with Special Needs – Divyang)

Term-1

1. Changing Trends and career in physical education
2. Olympism
3. Meaning & Importance of yoga
4. Physical Education and sports for CWSN
(Children with Special Needs – Divyang)
5. Physical Fitness ,Health and Wellness

PT-3

- Test measurement and evaluation
- Fundamental of Anatomy, Physiology in Sports

TERM-II

1. Test measurement and evaluation
2. Fundamental of Anatomy, Physiology in Sports
3. Test measurement and evaluation
4. Fundamental of Anatomy , Physiology in Sports
5. Fundamentals of Kinesiology and Biomechanics in Sports
6. Psychology and Sports
7. Training and Doping in Sports

Subject: ECONOMICS.

Books: NCERT

PT1

- MICRO ECO
- Introduction of microeconomics
- STATISTICS
- Introduction of statics

PT-2

MICRO ECONOMICS
Ch 3 production and cost
STATISTICS
Measures of Central tendency

Term-I

STS - Ch 2 Collection of Data
Ch 3- Organisation of data
Ch 4 presentation of data
MEC- Theory of consumer behaviour
MICRO ECONOMICS
Introduction of microeconomics
STATISTICS
Introduction of Statics

PT-3

MEC - Theory of firm under perfect competition
STS- Measure of dispersion

TERM-II

MICRO ECO
Introduction of microeconomics
STATISTICS
Introduction of statics
MICRO ECONOMICS
Ch 3 production and cost
STATISTICS
Measures of Central tendency
MEC - Theory of firm under perfect competition
STS- Measure of dispersion
MEC- Market equilibrium
Non competitive market
STATISTICS
Correlation
Index number
Use of Stastical tolls

SUBJECT-INFORMATICS PRACTICES (IP)

Prescribed Book: Preeti Arora (S Chand Publication)

PT-1

- Introduction to Computer System

PT-2

- Introduction to Python

Term-1

5. Introduction to Computer System

6. Introduction to Python

PT-3

➤ Database concepts and SQL

Term - II

9. Introduction to Computer System

10. Introduction to Python

11. Database concepts and SQL

12. Introduction to the Emerging Trends