

CRPF PUBLIC SCHOOL,DWARKA

Economics Syllabus CLASS XII

LEARNING OBJECTIVES:

- *To stimulate the interest of students in economics.
- *To create an understanding & awareness about the different aspects of economics.
- *To develop curiosity & a spirit of enquiry among students.

TEXTBOOK:

Part A: Indian economy and development - NCERT

Part B: Introductory Macro Economics- Sandeep garg

MONTH	COURSE CONTENT
April	INDIAN ECONOMICS Chapter- 1 Indian Economy on the eve of independence Chapter- 2 Indian Economy 1950-1990 Chapter- 3 Liberalisation, Privatisation and Globalisation Chapter-4 Poverty Revision of UT1

May	<p>INDIAN ECONOMICS</p> <p>Chapter-5 Human Capital Formation in India</p> <p>Chapter-6 Rural Development</p> <p>Chapter-7 Employment: Growth, informalization and other issues</p> <p>MACRO ECONOMICS</p> <p>Chapter-3 Money and Banking</p>
July	<p>INDIAN ECONOMICS</p> <p>Chapter-8 Infrastructure</p> <p>Chapter-9 Environment and Sustainable development</p> <p>MACRO ECONOMICS</p> <p>Chapter-5 Government Budget</p> <p>Chapter-6 Open Economy Macro economics</p> <p>Revision of UT 2</p>
August	<p>MACRO ECONOMICS</p> <p>Chapter- 4 Income Determination</p> <p>Chapter-6 Open Economy Macro economics(contd...)</p> <p>Revision for Term I exam</p>

September	MACRO ECONOMICS Unit -6 National income
October	MACRO ECONOMICS Unit -6 National income(cond....) Chapter-10 Comparative Development Experiences of India and its Neighbours Revision of Entire Syllabus
November	MACRO ECONOMICS Revision of Entire Syllabus
December	REVISION
January	REVISION
February	REVISION
	Syllabus
UT1	Chapter- 1 Indian Economy on the eve of independence Chapter- 2 Indian Economy 1950-1990 Chapter- 3 Liberalisation, Privatisation and Globalisation

UT2	<p>Chapter-5 Human Capital Formation in India</p> <p>Chapter-6 Rural Development</p> <p>Chapter-7 Employment: Growth, informalization and other issues</p> <p>Chapter-3 Money and Banking</p>
TERM I	<p>Chapter- 1 Indian Economy on the eve of independence</p> <p>Chapter- 2 Indian Economy 1950-1990</p> <p>Chapter- 3 Liberalisation, Privatisation and Globalisation</p> <p>Chapter-4 Poverty</p> <p>Chapter-5 Human Capital Formation in India</p> <p>Chapter-6 Rural Development</p> <p>Chapter-7 Employment: Growth, informalization and other issues</p> <p><u>Macro Economics:</u></p> <p>Unit 8 Money & Banking</p> <p>Unit 9 Government Budget</p> <p>Unit 10 Balance of payment.</p>
Pre Board I	<p>Complete syllabus</p>
Pre Board II	<p>Complete syllabus</p>

CRPF Public School, Dwarka

Accountancy

Class XII (2023-24)

LEARNING OUTCOMES:-

- 1. To stimulate interest in Accounts.**
- 2. To create an understanding about practical aspects of Accountancy.**
- 3. To enable the students to understand the processes taking place in accounting.**
- 4. To develop curiosity and a spirit of enquiry among students.**

TEXT BOOKS:-

NCERT Text Book- Part 1-Accounting for Partnership and Company Accounts

Part 2: Analysis of Financial Statements

April

Part 1

Ch1: Accounting for Partnership - Basic concepts

Ch2: Goodwill: Nature and Valuation

Revision for UT1

May

Ch3: Change in Profit Sharing Ratio

Ch4: Admission Of Partner

Project Work Assigned to Students for summer break (Comprehensive Project)

July

Ch5: Retirement of a Partner

Ch6: Death of a Partner

Ch7: Dissolution Of Partnership

Revision for UT2

August

Part II

Ch1: Accounting for Share Capital

Ch2: Company Accounts: Issue of Debenture

September

Part III

Ch 1: Financial Statements of a Company

Ch 2: Analysis of Financial Statements

Revision for TE1

October

Ch4: Accounting Ratios

Ch 5: Cash Flow Statement

November

Revision of Entire Syllabus with Sample Papers for PP-I

January and February

Project File assigned for winter break

Revision of Entire Syllabus with Sample Papers

Exam Syllabus

UT1

Part 1-Ch-1, 2

UT2

Part1-Ch 3, 4, 5

TE1

Part 1 and Part 2

Pre board I

December Complete Syllabus

Pre board II

January Complete Syllabus

Note : *Project of 20 marks will be allocated by the concerned teacher along with the necessary guidelines.

- It comprises of solution for the following three types of problems: (1) Comprehensive Problem, (2) Specific Problem I - Related to ratio analysis (3) Specific Problem II - Related to Cash Flow Statement.

- The Project work will be finally evaluated by the External Examiner on the basis of Project File (4 Marks), Viva (4 Marks) and Written Test (12 Marks and Duration of One hour)

CRPF PUBLIC SCHOOL,DWARKA

Business Studies Syllabus.

CLASS XII (2023-24)

LEARNING OBJECTIVES:

***To stimulate the interest of students in Business studies.**

***To create an understanding & awareness about the different aspects of Business studies.**

***To develop curiosity & a spirit of enquiry among students.**

TEXTBOOK:

Part A: Business Studies I(NCERT)

Part A: Business Studies II(NCERT)

COURSE CONTENT

April

PART-A Principle's & Functions of Management

UNIT-1 Nature & Significance of Management

UNIT-2 Principles of Management

Revision of UT1

May

PART-A Principle's & Functions of Management

UNIT-3 Business Environment

UNIT-4 Planning

UNIT-5 Organizing

July

PART-A Principle's & functions of Management

UNIT-6 Staffing

UNIT-7 Directing

Revision of UT 2

August

PART-A Principle's & functions of Management

UNIT-8 Controlling

PART-B Business finance & marketing

UNIT-9 Business Finance

Revision for Term I exam

September

PART-B Business finance & marketing

UNIT-10 Financial Market

October

PART-B Business finance & marketing

UNIT-11 Marketing

UNIT-12 Consumer's Rights

November

Revision for Entire Syllabus

December

Revision for Entire Syllabus

January

REVISION

February

REVISION

Syllabus

UT1

CH-1 , 2

UT2

CH- 4,5,6

TERM 1

PART A CH (1 to 8)

Pre Board I

Complete syllabus

Pre Board II

Complete syllabus

Project on the following topics to be done in the month of June & November:

***Business environment**

***Marketing Management**

***Principle's of Management**

***Financial market**

**Computer Science
CLASS-XII Code No. 083**

2023-2024

Prerequisites

Computer Science- Class XI

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TextBook-

Computer Science with Python

Author- Sumita Arora

Learning Outcomes

- 1. Apply the concept of functions in python.**
- 2. Ability to create and use Python libraries.**
- 3. Apply the concept of file handling.**
- 4. Ability to use basic data structures: Stacks and Queues.**
- 5. Explain the basics of computer networks.**
- 6. Ability to use connectivity between Python and SQL.**

Month	Course Content
APRIL	DATABASES & SQL DATA COMMUNICATION & NETWORKING FUNCTIONS IN PYTHON(EXPLICIT)
MAY	STACKS & QUEUES REVIEW OF PYTHON USE OF PYTHON LIBRARIES
JULY	DATA STRUCTURES LISTS AND STRINGS
AUGUST	SHOW OUTPUT/ERRORS PRACTICE (REVISION OF CLASS XI)

SEPTEMBER	REVISION TERM – 1
OCTOBER	DATABASE CONNECTIVITY DATA STRUCTURES LISTS AND STRINGS (ADVANCED)
NOVEMBER	DATA FILE HANDLING (TEXT, CSV) DATA FILE HANDLING (BINARY)
DECEMBER	REVISION
JANUARY	REVISION
FEBRUARY	REVISION

EXAM SCHEDULE

EXAMS	SYLLABUS
UT 1	DATABASE AND SQL NETWORKING
UT2	PYTHON FUNCTIONS AND LIBRARIES

TERM 1	DATABASES & SQL DATA COMMUNICATION & NETWORKING FUNCTIONS IN PYTHON(EXPLICIT) SHOW OUTPUT/ERRORS PRACTICE DATA STRUCTURES LISTS AND STRINGS (ADVANCED)
UT3	DATABASE CONNECTIVITY
UT4	DATA STRUCTURES LISTS AND STRINGS (ADVANCED)
PRACTICE PAPERS(1&2)	FULL SYLLABUS

CRPF PUBLIC SCHOOL,DWARKA

Economics Syllabus

CLASS XI

LEARNING OBJECTIVES:

- *To stimulate the interest of students in economics.
- *To create an understanding & awareness about the different aspects of economics.
- *To develop curiosity & a spirit of enquiry among students.

TEXTBOOK:

Part A: Introductory Micro Economics Sandeep Garg

CRPF PUBLIC SCHOOL,DWARKA

physics Syllabus

CLASS XII

LEARNING OBJECTIVES:

- **To stimulate the interest of students in physics**
- **To develop scientific temperament in the students.**
- **To create an understanding & awareness about scope of physics.**
- **To develop curiosity & a spirit of enquiry among students.**

MONTH	COURSE CONTENT
April	Ch: 1 Electric Charge And Fields Ch: 2 Electrostatic Potential And Capacitance Ch: 3 Current Electricity
May	Ch: 4 Moving Charge And Magnetism Ch: 5 Magnetism And Matter
July	Ch: 6 Electromagnetic Inductions Ch: 7 Alternating Current

August	Ch: 8 Electromagnetic Wave Ch: 9 Ray Optics And Optical Instrument Ch: 10 Wave Optics
September	Ch: 10 Wave Optics Ch: 14 Semiconductor Electronics: Material Devices And Simple Circuits
October	Ch: 11 Dual Nature Of Radiation And Matter Ch: 12 Atoms
November	Ch: 13 Nuclei
December	REVISION
January	REVISION
February	REVISION
UT1	Ch 1,2

UT2	Ch 3,4,5
TERM I	First book complete (chapter 1,2,3,4,5,6,7,8) Second book (chapter 9,10)
Practice paper I	Complete syllabus
Practice paper II	Complete syllabus

Physics SYLLABUS

CLASS XI (2023-2024)

LEARNING OBJECTIVES:

- To stimulate the interest of students in physics
- To develop scientific temperament in the students.
- To create an understanding & awareness about scope of physics.
- To develop curiosity & a spirit of enquiry among students.

TEXTBOOK:

- NCERT part 1 ,
- NCERT part 2

MONTH	COURSE CONTENT
April	Ch: 2 Units and Measurements Ch: 3 Motion in a Straight Line

JULY	Ch: 3 Motion in a Straight Line Ch: 4 Motion in a Plane
August	Ch: 5 Laws of Motion Ch: 6 Work, Energy and Power
September	Ch: 8 Gravitation Ch: 7 System Of Particles And Rotational Motion
October	Ch: 9 Mechanical Properties of Solids Ch: 10 Mechanical Properties of Fluids Ch: 11 Thermal Properties of Matter
November	Ch: 11 Thermal Properties of Matter Ch: 12 Thermodynamics
December	Ch: 13 Kinetic Theory Ch: 14 Oscillations
January	Ch: 15 waves

CRPF PUBLIC SCHOOL, DWARKA

Annual Syllabus, 2023-24

Class XII

Physical Education

Learning Outcomes:

- To know and understand health and physical education concepts that enables/informed decisions for a healthy active lifestyle.
- To promote physical fitness and healthy lifestyle.
- To know the relationship between biomechanics and sports.
- To know the relationship between physiology and sports.
- To know the relationship between psychology and sports.
- to know the career options in physical education

Prescribed book:- Health and Physical Education (Saraswati Publication)

Month	Topic	Activities
April	Unit-1: Management of Sporting Events. Unit-2: Children and Women in Sports.	· Practical File work
May	Unit-3: Yoga as Preventive Measure for Lifestyle Disease. Unit-4: Physical Education and Sports for CWSN	· Practical File Work
July	Unit-5: Sports and Nutrition. Unit-6: Test & Measurement in Sports.	· Practical File Work

August	Unit-7: Physiology and Injuries in sports. Unit-8: Biomechanics and Sports.	· SAI Khelo India Test.
September	Revision	· SAI Khelo India Test.
October	Unit-9: Psychology and Sports. Unit-10: Training in Sports.	· SAI Khelo India Test.
November	Revision	· SAI Khelo India Test.
December	Revision	· SAI Khelo India Test.
January	Revision	· SAI Khelo India Test.
February	Revision	· SAI Khelo India Test.

Exam	Syllabus
UT – 1	Unit – 1

UT – 2	Unit – 2,3 & 4
Term – 1	Unit – 1,2,3,4,5& 6
UT – 3	Unit – 7 & 8
Pre-Board	Full Syllabus

CRPF PUBLIC SCHOOL, DWARKA

Annual Syllabus, 2023-24

Class XI

Physical Education

Learning Outcomes:

- To know and understand health and physical education concepts that enables/informed decisions for a healthy active lifestyle.
- To promote physical fitness and healthy lifestyle.
- To know the relationship between biomechanics and sports.
- To know the relationship between physiology and sports.
- To know the relationship between psychology and sports.
- to know the career options in physical education

Prescribed book:- Health and Physical Education (Saraswati Publication)

Month	Chapter Name	Practicals
April	Unit – 1: Changing Trends & Career in Physical Education.	Practical File work

July	Unit – 2: Olympic Value Education Unit – 3: Yoga	Practical File Work
August	Unit – 4: Physical Education for CWSN Unit -5: Physical Fitness, Wellness and Lifestyle	Practical File Work
September	Unit – 6: Test, Measurement & Evaluation	SAI Khelo India Test.
October	Unit – 7: Fundamental of Anatomy, Physiology in Sports.	SAI Khelo India Test.
November	Unit – 8: Fundamentals of Kinesiology an Biomechanics in Sports	SAI Khelo India Test.
December	Unit – 9: Psychology & Sports	SAI Khelo India Test.
January	Unit – 10: Training and Doping in Sports	SAI Khelo India Test.
February	REVISION	SAI Khelo India Test.

Exam	Syllabus
TERM 1	Chapter 1,2,3,4 and 5
UT 1	Chapter 1 and 2
UT 2	Chapter 3 and 4
UT 3	Chapter 6 and 7
Final Term	Complete Syllabus

BIOLOGY CLASS – XII

LEARNING OBJECTIVES:

1. To develop the understanding of various life processes of different living organisms.
2. To understand and practically apply the textual knowledge.
3. To understand the similarities and differences among different living organisms.
4. To develop the understanding of hierarchy among different living organisms.
5. To inculcate an understanding of existence of diversity among living organisms.

PRESCRIBED BOOK :-

BIOLOGY- A Text Book for Class XII (NCERT)

Month	Unit	Chapter Name	Practical

APRIL	VI- Reproduction	Ch-1: Sexual Reproduction in flowering plants. Ch2: Human Reproduction Ch3: Reproductive Health	(1) Flowers adapted to pollination by different agencies (wind, insect) (2) Study of controlled pollination – Emasculation, Tagging & Bagging. (3) Study of pollen germination on slide, through temporary & permanent slide. (4) Identification of stages of gamete development (4) T.S. of testis, T.S. of Ovary, T.S. Blastula through permanent slide (5) Meiosis in Onion bud cells or grasshopper testis through permanent slides.
MAY	VI- Reproduction VII- Genetics And Evolution	Ch 4: Principles of Inheritance & Variation Ch 5: Molecular Basis of Inheritance	

<p>July</p>	<p>VII- Genetics And Evolution VIII- Biology In Human Welfare</p>	<p>Ch-6: Evolution</p> <p>Ch-7 Human Health and Diseases</p> <p>Ch-8- Microbes in Human Welfare</p>	<p>(6) Mendalian Inheritance using seeds of different colour/size of any flower. (7) Study of prepared pedigree charts of genetic traits such as Rolling of tongue, blood groups, window's peak & colour blindness. (8) Study the effect of different temperatures and different pH on the activity of salivary amylase on starch. (9) Identification of disease causing organisms – Plasmodium, Ascaris, Entamoeba & Ringworm through permanent slides or specimens & comment on symptoms of disease that they cause. (10) Preparation of mitosis stages in onion root tip.</p>
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August	IX- Biotechnology	<p>Ch- 9 Biotechnology: Principles and Processes</p> <p>Ch10: Biotechnology and its Applications</p> <p>Ch- 11 Organisms and Population</p>	<p>(11) Isolation of DNA from available plant material.</p> <p>(12) collect & study soil from at least two different sites & study them for texture, moisture content, pH & water holding capacity of soil</p> <p>(13) Collect water from two different water bodies around you and study them for pH, clarity & presence of any living organisms.</p> <p>(14) Study the presence of suspended particulate matter in air at two widely different sites.</p> <p>(15) Study of plant population density by quadrature method.</p>
September	Revision		
October	X. <i>Ecology</i>	<p>Ch-12 Ecosystem</p> <p>Ch-13 Biodiversity and Conservation</p>	<p>16) Two plants & two animals found in xeric conditions. Comment upon their morphological adaptations,</p> <p>(17) Study of Plants & Animals found in Aquatic conditions & comment upon their morphology & Adaptation.</p>

November		Revision	
December		Revision + Preboard 1	
January		Discussion of pre-board 1 and sample papers along with revision	
February		Discussion of Pre-board 2 and sample papers along with sample papers	
	<u>SYLLABUS</u> <u>(UT/TERM WISE)</u>	-	-
UT1	Chapter – 1,2		
TERM 1	Chapters- 1,2,3,4,5,6,7,8,9,10		
UT2	Chapter – 11,12		
Preboard 1	Complete Syllabus		
Preboard 2	Complete syllabus		

BIOLOGY

CLASS – XI

LEARNING OBJECTIVES:

1. To develop the understanding of various life processes of different living organisms.

2. To understand and practically apply the textual knowledge.
3. To understand the similarities and differences among different living organisms.
4. To develop the understanding of hierarchy among different living organisms.
5. To inculcate an understanding of existence of diversity among living organisms.

PREScribed BOOK :-

BIOLOGY- A Text Book for Class XI (NCERT)

Month	Chapter Name	Practical
April	<ul style="list-style-type: none"> · Ch-1: The living World · Ch-2: Biological Classification · Ch-3: Plant kingdom 	<ol style="list-style-type: none"> 1. Study parts of a compound microscope. 2. Study of Bacteria & Amoeba, Rhizopus, Mushroom, Yeast, and lichens
May	<ul style="list-style-type: none"> · Ch-3: Plant kingdom (continued) · Ch-4: Animal kingdom 	<ol style="list-style-type: none"> 3. Identification & comment on specimens Oscillatoria, Spirogyra, Liverwort, Moss, Fern, Pine, one monocot & one dicot plant 4. Identification & comments on specimens/models Hydra, Liver fluke, Ascaris. Leech, Earthworm, Prawn, Silkworm, Honeybee, Snail, Starfish, Rohu, Frog, lizard, pigeon and rabbit

July	<ul style="list-style-type: none"> · Ch-8: Cell: The unit of Life · Ch-9: Biomolecules. · Ch-10: Cell cycle and Cell Division · Ch-13: Photosynthesis in Higher Plants 	<p>5. Study of osmosis by potato osmometer</p> <p>6. Study and description of three locally available common flowering plants, one from any one of the families Solanaceae, Fabaceae and Liliaceae (Poaceae, Asteraceae or Brassicaceae can be substituted in case of geographical location) including dissection and display of floral whorls, anther and ovary to show number of chambers (floral formulae and floral diagrams).</p>
August	<ul style="list-style-type: none"> · Ch-14: Respiration in Plants · Ch-15: Plant Growth and Development · Ch-17: Breathing and Exchange of gases. · Ch-18: Body Fluids and Circulation. 	<p>7. Separation of plant pigments through paper chromatography.</p> <p>8. Study of distribution of stomata in the upper & lower surface of leaves.</p>
September	<ul style="list-style-type: none"> · Revision of term 1 	

October	<ul style="list-style-type: none"> · Ch-19: Excretory Products and Their Elimination · Ch-20: Locomotion and Movement 	9. Study of mitosis in onion root tip cells from permanent slides.
November	<ul style="list-style-type: none"> · Ch-21: Neural Control and Coordination · Ch-22: Chemical Coordination and Integration 	10. Study of Tissues & Diversity in shapes & sizes of plant & animal cells (palisade cells, Guard cells, Parenchyma, collenchyma, Sclerenchyma, Xylem, Phloem, Squamous epithelium, Muscle Fibres & Mammalian Blood Smear) through temporary\permanent slides
December	<ul style="list-style-type: none"> · Ch-5: Morphology of Flowering Plants · Ch-6: Anatomy of Flowering Plants 	11. Study of the rate of respiration in flower buds/leaf tissue and germinating seeds. 12. To test the presence of sugar and albumin in urine
January	<ul style="list-style-type: none"> · Ch-7: Structural Organization in Animals · Revision for Term II 	

February	REVISION	

Computer Science
CLASS-XI Code No. 083

2023-2024

Prerequisites

Computer Science- Class XI

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TextBook-

Computer Science with Python

Author- Preeti Arora

Learning Outcomes

1. Apply the concept of functions in python.
2. Ability to create and use Python libraries.
3. Apply the concept of Boolean Algebra and various number systems.
4. Ability to use basic data structures: Stacks and Queues.
5. Explain the basics of computer organisation.
6. Explain the use of IT act and cyber law.

Month	Course Content
JULY	Number System and Boolean Algebra

AUGUST	Computer System Organisation Society, Law and ethics Python fundamentals
SEPTEMBER	REVISION TERM – 1
OCTOBER	Conditional Branching in python Looping in Python
NOVEMBER	Lists in Python
DECEMBER	Strings and tuples in python
JANUARY	Dictionary in python Random module functions
FEBRUARY	REVISION

CHEMISTRY
SYLLABUS (2023-24)

LEARNING OBJECTIVES:

- To develop positive scientific attitude, and appreciate contribution of Chemistry towards the improvement of quality of human life.
- To develop problem solving skills and nurture curiosity, aesthetic sense and creativity.
- To Emphasis on promoting process - skills, problem solving abilities and applications of concepts of Chemistry useful in real life situation for making learning of Chemistry more relevant, meaningful and interesting.
- To inculcate values of honesty, integrity, cooperation, concern for life and preservation of the environment;

TEXTBOOK:

- NCERT part 1
- NCERT part 2

MONTH	COURSE CONTENT	PRACTICALS
April	<ul style="list-style-type: none">• Chapter2 Solutions• Chapter 3 Electrochemistry	<ul style="list-style-type: none">• Volumetric Analysis
May	<ul style="list-style-type: none">• Chapter 3 Electrochemistry (Cond.)• Chapter 4 Chemical Kinetics	<ul style="list-style-type: none">• Preparation of Sol
July	<ul style="list-style-type: none">• Chapter 10 Haloalkanes and haloarenes• Chapter 11 Alcohols, Phenols and ethers	<ul style="list-style-type: none">• Detection of Carbohydrate, protein and fat in the given food samples.
August	<ul style="list-style-type: none">• Chapter 12 Aldehydes, Ketones and carboxylic acids• Chapter 13 Amines	<ul style="list-style-type: none">• Salt Analysis
September	<ul style="list-style-type: none">• Chapter 14 Biomolecules	<ul style="list-style-type: none">• Salt Analysis
October	<ul style="list-style-type: none">• Chapter 8 d- and f-block elements• Chapter 9 Coordination	<ul style="list-style-type: none">• Preparation of Inorganic Compounds

	compounds	
November	REVISION	<ul style="list-style-type: none"> Analysis of functional group in the given organic compounds
December	REVISION	REVISION
January	REVISION	REVISION
February	REVISION	REVISION

Quiz and Chapter Test Schedule

Exams	Syllabus
Quiz 1	Chapter 1 Solid State
Quiz 2	Chapter 3 Electrochemistry
Quiz 3	Chapter 10 Haloalkanes and Haloarenes
Quiz 4	Chapter 12 Aldehydes, Ketones and Carboxylic acids
Quiz 5	Chapter 8 d- and f- Block Elements
Quiz 6	Chapter 9 Coordination Compounds
Quiz 7	Chapter 11 Alcohol Phenol and Ethers
UT 1	Chapter 2 Solutions
UT 2	Chapter 10 Haloalkanes and Haloarenes Chapter 11 Alcohol Phenol and Ethers
UT 3	Chapter 14 Biomolecules Chapter 8 d- and f- Block Elements

LEARNING OBJECTIVES:

1. To develop positive scientific attitude, and appreciated contribution of Chemistry towards the improvement of quality of human life.
2. To develop problem solving skills and nurture curiosity, aesthetic sense and creativity.
3. To Emphasis on promoting process-skills, problem solving abilities and application of concepts on chemistry Useful in real life situation for making learning of Chemistry more relevant, meaningful and interesting.
4. To inculcate values of honesty, integrity, cooperation, concern for life and preservation of the environment.

PRESCRIBED BOOK :-Text Book For Class XI (NCERT) Part I and Part II

Month	Chapter Name	Practicals
July	<ul style="list-style-type: none"> Ch-1: Some basic concepts of Chemistry Ch-2: Structure of atom 	1. Basic laboratory techniques 2. Volumetric analysis
August	<ul style="list-style-type: none"> Ch-2: Structure of atom (Contd.) Ch-3: Classification of elements and periodicity in properties Ch-4: Chemical bonding and molecular structure 	3. Volumetric analysis 4. Determination of anion
September	<ul style="list-style-type: none"> Ch-4: Chemical bonding and molecular structure (Contd.) 	5. Determination of anion
October	<ul style="list-style-type: none"> Ch-6: Thermodynamics Ch-7: Equilibrium 	6. Determination of cation
November	<ul style="list-style-type: none"> Ch-7: Equilibrium (Contd) Ch-8: Redox reactions 	7. Preparation of crystals
December	<ul style="list-style-type: none"> Ch-12: Organic Chemistry some basic principles and techniques 	8. Determination of cation
January	Ch-13: Hydrocarbons	9. Determination of cation and anion in the given salt
February	REVISION	

Deleted Chapters

- Ch-5 States of Matter
- Ch-9: Hydrogen
- Ch-10: The s block elements
- Ch-11: The p block elements
- Ch-14 Environmental Chemistry

Quiz and Chapter Test Schedule

Exams	Syllabus
Quiz 1	Ch-1: Some basic concepts of Chemistry
Quiz 2	Ch-3: Classification of elements and periodicity in properties
Quiz 3	Ch-8: Redox reactions
Quiz 4	Ch-12: Organic Chemistry some basic principles and techniques
UT 1	Ch-1: Some basic concepts of Chemistry Ch-2: Structure of atom
UT 2	Ch-6: Thermodynamics
UT 3	Ch-7: Equilibrium

CRPF Public School, Dwarka
Mathematics
Class XII
Syllabus

LEARNING OUTCOMES:-

1. To create interest in Mathematics.
2. To emphasise on the practical utility of Mathematics.
3. To develop the habit of logical reasoning among the students.
4. To appreciate the beauty of Mathematics.

Month	Course Content
April	Chapter 3-Matrices Chapter 4-Determinants Chapter 2-Inverse Trigonometric Functions
May	Chapter 5-Continuity and Differentiability Chapter 6-Applications of Derivatives
July	Chapter 6-Applications of Derivatives Chapter 7-Integrals
August	Chapter 7-Integrals (contd.) Chapter 8-Applications of Integrals
September	Chapter 9-Differential Equations Revision of the syllabus covered
October	Chapter 10-Vectors Chapter 11-Three Dimensional Geometry Chapter 1-Relations and Functions
November	Chapter 12-Linear Programming Chapter 13-Probability Revision of the entire syllabus
December	Revision of the entire syllabus
January	Revision of the entire syllabus
February	Revision of the entire syllabus

BOOKS:-

Mathematics for class XII-Part 1 (NCERT)
Mathematics for class XII-Part 2 (NCERT)