

Ramanlal Shorawala Public School, Mathura

Term Wise Syllabus

(Session 2017-18)

Class - XI

[ENGLISH CORE (301)]

I-Term

Hornbill

Chapters:

1. The Portrait of a Lady
2. We are not Afraid to Die if we can All be Together

Poem

Chapters:

1. Photograph
2. The Voice of the Rain

Snapshot

Chapters:

1. The Summer of the Beautiful White Horse
2. The Address
3. Ranga's Marriage

Novel : The Canterbury Ghost

Chapters: 1 to 3

Writing Section

Notices, Letter Writing
(Official, Business, Letter to Editor)
Determiners, Tenses, Active Passive
Voice, Direct and Indirect Speech,
Posters, Advertisements, Article,
Speech, Clauses, Modals

II-Term

Hornbill

Chapters:

3. Discovering Tut - The Saga continues
4. The Ailing Planet - The Green Movements Role

Poem

Chapters:

3. Childhood

Snapshot

Chapters:

4. Albert Einstein At School
5. Mother's Day

Novel : The Canterbury Ghost
Chapters 4 & 5

Note: All syllabus of I-Term will be included also.

III-Term

Hornbill

Chapters:

5. The Browning Version

Poem

Chapter:

4. Father to Son

Snapshot

Chapters:

6. Birth
7. The Tale of Melon City

Novel : The Canterbury Ghost

Chapters: 6 & 7

Note: I & II-Term syllabus will also be included.

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[PHYSICS]

I-Term

- Unit-1 : Physical World and Measurement
- Unit-2 : Kinematics
- Unit-3 : Laws of Motion
- Unit-4 : Work Energy and Power
- Unit-5 : Motion of System of particles and Rotational Motion

II-Term

- Unit-6 : Gravitation
 - Unit-7 : Properties of Bulk Matter
 - Unit-8 : Thermodynamics
- and Complete syllabus of I-Term.

III-Term

- Unit-9 : Behaviour of gas and Kinetic Theory of Gas
 - Unit-10 : Oscillation and Waves
- and Complete syllabus of I & II Term.

[CHEMISTRY]

I-Term

1. Basic Concepts of Chemistry
2. Structure of an atom
3. Classification of elements
4. Chemical Bonding
5. State of Matter
6. Thermodynamics
7. Equilibrium

II-Term

8. Redox Reactions
9. Hydrogen
10. The s-Block elements
11. The p-Block elements

and Complete syllabus of I-Term

III-Term

12. Organic Chemistry
13. Hydrocarbon
14. Environmental Chemistry

and Complete syllabus of I & II - Term

[MATHEMATICS]

I-Term : Unit 1 to 8

II-Term : Unit 9 to 11
and Complete syllabus of I - Term

III-Term : Unit 12 to 16
and Complete syllabus of I & II - Term

[BIOLOGY]

I-Term :

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. Biomolecules
10. Cell cycle and cell division

II-Term :

11. Transport in plants
 12. Mineral nutrition
 13. Photosynthesis in higher plants
 14. Respiration in plants
 15. Plant growth and development
 16. Digestion and absorption
 17. Breathing and exchange of gases
 18. Body fluids and circulation
- and Complete syllabus of I - Term

III-Term :

19. Excretory products and their elimination
 20. Locomotion and Movement
 21. Neural control and coordination
 22. Chemical coordination and integration
- and Complete syllabus of I & II - Term

[ACCOUNTANCY]

I-Term

Part-A

Chapter 1 to 12 (Including Project Work)

II-Term

Chapter 13 to 18

III-Term

Chapter 19 to 20

Previous chapters will be included in every term.

[ECONOMICS]

I-Term

- Statistics :
- Ch-1 Introduction
 - Ch-4 Organisation of Data
 - Ch-9 Arithmetic mean

- Ch-10 Median & Mode
- Ch-12 Correlation
- Ch-13 Index number

Indian Economy:
Ch- 1 to 5

II-Term

- Statistics :
- Ch-2 Collection of data
 - Ch-6 Diagrammatic presentation of data
 - Ch-7 Graphic Presentation of data
 - Ch-8 Arithmetic line-graphs

Including 25% of I-Term Ch-10 Median & Mode
Indian Economy Ch 6 to 8
Including 25% of I-term Ch-4

III-Term

- Statistics :
- Ch-3 Census and sample method
 - Ch-5 Tabular presentation of data
 - Ch-11 Measures of dispersion

Including 25% of II-Term
Ch-13 Index Number
Including 25% of I-Term
Ch-7 Graphic presentation of data

[BUSINESS STUDIES]

I-Term

1. Nature & Purpose of Business
2. Forms of Business Organisation
3. Private & Public Sector
4. Business Services

II-Term

5. Emerging modes of Business
6. Social Responsibility
7. Sources of Business Finance
8. Small Business

Including 25% of I-Term

III-Term

9. Internal Trade
10. International Business

Including 25% of I-Term
Including 25% of II-Term
Including 50% of III-Term

[PHYSICAL EDUCATION]

I-Term Chapters

1. Changing trends & career in Physical Education

2. Physical fitness, Wellness and Life Style
3. Olympic Movement
4. Yoga
5. Doping

II-Term

6. Physical Activity Environment
7. Test and Measurement
8. Fundamentals of Anatomy and Physiology
9. Biomechanic and sports
and Complete syllabus of I-Term

III-Term

10. Psychology and Sports
11. Training in sports
and Complete syllabus of I & II Term.

[COMPUTER SCIENCE]

I-Term

1. Computer Overview
2. Working with operating system
3. Data Representation
4. Microprocessor basics
5. General Oop Concepts
6. Getting started with C++
7. Data handling
8. Operators and expressions in C++
9. C++ as per latest C++11 standard
10. Flow of Control
(Only Conditional Programming)

II-Term

1. Syllabus till covered
2. Flow of control
(Iterative Programming Also)
3. Functions
4. Structured data type : Array

III-Term

1. Syllabus till covered
2. Structures
3. programming methodology

[MUSIC]

(Apr, May & July)

1. Introduction of Guitar
2. Utility of parts

3. Indian notes, Western notes
4. Guitar tuning: Self process
5. Guitar tuning: Help process

(Aug, Sep & Oct)

1. Major Chord
2. Minor Chord
3. Plaktom pattern
4. Chord Changing
5. Play with rhythm

(Nov, Dec & Jan)

1. Describe all type of chord
2. Major seventh chord
3. Minor seventh chord
4. Song notation
5. Play with song

[ART & CRAFT]

April:-

Introduction - Name of famous Indian Artists, Still life study, Sketching

May:-

Nature study - Landscape

July:-

Collage work, Stokens Flowers

August: Examinations

September:-

Poster Designing, Composition

October:-

Portrait, Miniature Painting

November: Examinations

December:-

Knife painting, Paper mashie work, Bouquet

January:-

Folk Art, Texture work

February:-

Creative drawing, P.O.P. Work