

# Ramanlal Shorawala Public School, Mathura

Term Wise Syllabus

(Session 2017-18)

Class - XII

## [ ENGLISH CORE (301) ]

### I-Term

Textual Book-

Flamingo

Chapters:

1. The Last Lesson
2. Lost Spring
3. Deep Water

Poetry

Chapters:

1. My mother at Sixty Six
2. Keeping Quiet

Vistas-

Chapters:

1. The Tiger King
2. Memories of Childhood

**Novel** : The Invisible Man

Chapters: 1 to 8

Reading Section : Note Making

Writing Section :

Classified Advertisements  
Notice  
Business Letters  
Speech  
Article

### II-Term

Flamingo

Chapters:

1. The Rattrap
2. Indigo

Poetry

Chapters:

1. An Elementary School Classroom in a Slum
2. A Thing of Beauty

Vistas-

Chapters:

1. The Enemy
2. Should Wizard Hit Mommy
3. On the Face of It

Novel : The Invisible Man  
Chapters 9 to 18

Writing Section:

Invitation and Reply  
Official Letters  
Debate  
Article

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

### III-Term

Flamingo

Chapters:

1. Going Places

Poetry

Chapters:

1. Aunt Jennifer's Tigers

Vistas-

Chapters:

1. Evans Tries An O Level

Novel : The Invisible Man

Chapters: 19 to 28

Reading Section: Note Making

Writing Section:

Poster Making

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

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**Physics**

Unit-1 : Electronics  
Unit-2 : Current Electricity  
Unit-3 : Magnetic effect of current and magnetism  
Unit-4 : Electromagnetic induction and alternating current  
**II-Term**  
Unit-5 : Electromagnetic Waves  
Unit-6 : Optics  
and Complete syllabus of I-Term.  
**III-Term**  
Unit-7 : Dual Nature of matter  
Unit-8 : Atoms and Nuclei  
Unit-9 : Electronic Devices  
Unit-10 : Communication System  
and Complete syllabus of I & II Term.  
**Preboard**  
Complete syllabus

### [ PHYSICS ]

**I-Term**

Unit-1 : Electronics  
Unit-2 : Current Electricity  
Unit-3 : Magnetic effect of current and magnetism  
Unit-4 : Electromagnetic induction and alternating current

**II-Term**

Unit-5 : Electromagnetic Waves  
Unit-6 : Optics  
and Complete syllabus of I-Term.

**III-Term**

Unit-7 : Dual Nature of matter  
Unit-8 : Atoms and Nuclei  
Unit-9 : Electronic Devices  
Unit-10 : Communication System  
and Complete syllabus of I & II Term.

**Preboard**

Complete syllabus

### [ CHEMISTRY ]

**I-Term**

1. The Solid State
2. Solution
3. Electro-Chemistry

4. Chemical Kinetics
5. Surface Chemistry
6. Gen. Principle and Extraction of Elements

**II-Term**

7. Coordination Compounds
  8. The p-Block Elements
  9. The d & f Block Elements
  10. Halo alkanes and Halo arenes
  11. Alcohols, phenol & ether
- and Complete syllabus of I-Term

**III-Term**

12. Aldehyde, Ketones & Carboxylic acids
  13. Amines
  14. Bio-Molecules
  15. Polymers
  16. Chemistry in everyday life
- and Complete syllabus of I & II - Term

### [ MATHEMATICS ]

**I-Term** : Unit 1 to 5

**II-Term** : Unit 6 to 8  
and Complete syllabus of I - Term

**III-Term** : Unit 9 to 13  
and Complete syllabus of I & II - Term

### [ BIOLOGY ]

**I-Term** :

1. Reproduction in organisms
2. Sexual reproduction in flowering plant
3. Human reproduction
4. Reproductive health
5. Hereditary and Variation
7. Evolution

**II-Term** :

6. Molecular basis of inheritance
  8. Health and disease
  9. Improvement in food production
  10. Microbes in human welfare
- and Complete syllabus of I - Term

**III-Term** :

11. Principles and process of biotechnology
12. Applications of Biotechnology in health and agriculture
13. Organism and Environment

14. Ecosystem
  15. Biodiversity and its conservation
  16. Environmental issues
- and Complete syllabus of I & II - Term

### [ ACCOUNTANCY ]

#### I-Term

##### Part-A

Book-1  
Accounting for Partnership  
Chapter 1 to 6 (Including Project Work)

#### II-Term

Book-2  
Company Accounts - Accounting of Share  
Capital  
Chapter 7 to 9

#### III-Term

##### Part-B

Book-2  
Analysis of Financial Statements  
Chapter 1 to 5 (Including Project Work)

Previous chapters will be included in every term.

### [ ECONOMICS ]

#### I-Term

Micro Economics : Chapter 1 to 8

#### II-Term

Micro Economics : Chapter 9 to 11  
Macro Economics : Chapter 1 to 4

#### III-Term

Complete Syllabus of I & II Terms

### [ BUSINESS STUDIES ]

#### I-Term

1. Nature & Significance of Management
2. Principles of Management
3. Business Environment
4. Planning

#### II-Term

5. Organising
6. Staffing
7. Directing
8. Controlling
9. Financial Management

Including 25% of I-Term

#### III-Term

10. Financial Market
11. Marketing Management
12. Consumer Protection

and Complete syllabus of I & II Term.

### [ PHYSICAL EDUCATION ]

#### I-Term

1. Planning in Sports
2. Adventure Sports and Leadership Training
3. Sports and Nutrition
4. Posture
5. Children and Sports

#### II-Term

6. Women and Sports
  7. Test and Measurement in Sports
  8. Physiology and Sports
  9. Sports Medicine
- and Complete syllabus of I-Term

#### III-Term

10. Biomechanics and Sports
  11. Psychology and Sports
  12. Training in Sports
- and Complete syllabus of I & II Term.

### [ COMPUTER SCIENCE ]

#### I-Term

1. C++ Revision Tour
2. Object oriented programming
3. Function overloading
4. Classes and Objects
5. Constructors and Destructors
6. Inheritance : Extending classes
7. 1 D array

#### II-Term

1. Syllabus till covered
2. Arrays
3. Pointers
4. Linked lists, stacks and queues
5. Data file handling

#### III-Term

1. Syllabus till covered
2. Database concepts
3. Structured query language
4. Boolean Algebra
5. Networking and communication technologies