

## **SPLIT UP SYLLABUS 2014-15**

### **SUB: PHYSICS**

### **Class: XI SCIENCE**

#### **PRESCRIBED BOOKS:**

- Physics Textbook : NCERT Publication
- Fundamental of Physics : Pradeep Publication
- Physics Practical : Laxmi Publication

<b>MONTH</b>	<b>CHAPTER</b>
<b>APRIL</b>	<u>Chapter-01</u> (Physical World)
<b>JUNE</b>	<u>Chapter-02</u> (Units & Measurements)
<b>JULY</b>	<u>Chapter-03</u> (Motion in Straight Line) <u>Chapter-04</u> (Motion in a Plane)
<b>AUGUST</b>	<u>Chapter-05</u> (Laws of Motion) <u>Chapter-06</u> (Work Energy & Power)
<b>SEPTEMBER</b>	<u>Chapter-07</u> (System of Particles & Rotation Motion) and Revision
<b>OCTOBER</b>	<u>Chapter-08</u> (Gravitation) <u>Chapter-09</u> (Mechanical Properties of Solids)
<b>NOVEMBER</b>	<u>Chapter-10</u> (Mechanical Properties of Fluids) <u>Chapter-11</u> (Thermal Property of Matter) <u>Chapter-12</u> (Thermo Dynamics)
<b>DECEMBER</b>	<u>Chapter-13</u> (Kinetic Theory) <u>Chapter-14</u> (Oscillations)
<b>JANUARY</b>	<u>Chapter-15</u> (Waves) and revision.
<b>FEBRUARY</b>	Revision and Annual Examination

## **SPLIT UP SYLLABUS 2014-15**

### **SUB: CHEMISTRY**

### **Class: XI SCIENCE**

<b>MONTH</b>	<b>CHAPTER</b>
<b>APRIL</b>	Chapter no. 1 (Basic concepts of chemistry)
<b>JUNE</b>	Chapter no. 2 ( Structure of Atom )
<b>JULY</b>	Chapter no.3 ( Classification of elements & Periodicity ) Chapter no. 4 ( Chemical Bonding and molecular structure)
<b>AUGUST</b>	Chapter no. 5 ( States of Matter) Chapter no. 6 ( Thermodynamics)
<b>SEPTEMBER</b>	Chapter no.7 (Equilibrium) Chapter no. 8 (Redox reaction)
<b>OCTOBER</b>	Chapter no 9 (Hydrogen) Chapter no. 10 (S- Block Elements)
<b>NOVEMBER</b>	Chapter no. 11 (P- Block Elements) Chapter no. 12 ( Organic chemistry – Basics)
<b>DECEMBER</b>	Chapter no. 13 ( Hydrocarbons)
<b>JANUARY</b>	Chapter no 14 (Environmental Chemistry)
<b>FEBRUARY</b>	Revision
<b>MARCH</b>	Exams

## **SPLIT UP SYLLABUS 2014-15**

### **SUB: MATHS**

### **Class: XI SCIENCE**

<b>MONTH</b>	<b>TOPICS</b>	<b>SUB-TOPICS</b>
<b>APRIL</b>	SETS AND FUNCTIONS	(1) TRIGONOMETRIC FUNCTIONS
<b>JUNE</b>	SETS AND FUNCTIONS	(02)SETS (03)RELATIONS AND FUNCTIONS
<b>JULY</b>	ALGEBRA	(1)PRINCIPLE OF MATHEMATICAL INDUCTION (02)COMPLEX NUMBER
<b>AUGUST</b>	ALGEBRA	(04)QUADRATIC EQUATIONS (05)LINEAR INEQUALITIES (6)PERMUTATIONS AND COMBINATIONS
<b>SEPTEMBER</b>	ALGEBRA	(7)BINOMIAL THEOREM (8)SEQUECE AND SERIES
<b>OCTOBER</b>	CALCULUS	(1)LMITS (02)DERIVATIVES
<b>NOVEMBER</b>	CO-ORDINATE GEOMERY	STRAIGHT LINES CONIC SECTIONS INTRODUCTION TO THREE DIMENSIONAL GEOMETRY
<b>DECEMBER</b>	MATHEMATICAL REASONING STATISTICS PROBABILITY	MATHEMATICAL REASONING STATISTICS PROBABILITY
<b>JANUARY</b>	REVISION	
<b>FEBRUARY</b>	REVISION	

## **SPLIT UP SYLLABUS 2014-15**

### **SUB: BIOLOGY**

### **Class: XI SCIENCE**

**BOOK: Biology**

**Publication: NCERT PUBLICATION**

<b>MONTH</b>	<b>CHAPTER</b>
<b>APRIL</b>	Lesson 1. The living world
<b>JUNE</b>	Lesson 2. Biological classification Lesson 3. Plant Kingdom. Lesson 4 Animal Kingdom
<b>JULY</b>	Lesson 5. Morphology of flowering plants. Lesson 6. Anatomy of flowering plants. Lesson 7 Structural organization in Animals.
<b>AUGUST</b>	Lesson 8. Cell: The Unit of life. Lesson 9. Biomolecules. Lesson 10. Cell cycle and cell division
<b>SEPTEMBER</b>	Lesson 11. Transport in Plants. Lesson 12. Mineral nutrition. Lesson 13 Photosynthesis in higher plants
<b>OCTOBER</b>	Lesson 14. Respiration in Plants. Lesson 15. Plant growth and development. Lesson 16 Digestion and absorption
<b>NOVEMBER</b>	Lesson 17. Breathing and exchange of gases Lesson 18 Body fluids and Circulation
<b>DECEMBER</b>	Lesson 19. Excretory products and their elimination Lesson 20. Locomotion and Movement Lesson 21. Neural control and co-ordination
<b>JANUARY</b>	Lesson 22. Chemical coordination and integration
<b>FEBRUARY</b>	Revision

**SPLIT UP SYLLABUS 2014-15**

**CLASS XI**

**Multimedia & Web Technology**

**Name of Textbook-** Multimedia & Web Technology

**Pub-** Saraswati House Pvt.Ltd.

**Author-** Reeta Sahoo & Gagan Sahoo

<b>MONTH</b>	<b>CHAPTER</b>
<b>APRIL</b>	<b>UNIT-1 :INTRODUCTION TO COMPUTER SYSTEMS</b> <b>Chap-1:</b> Computer System Organization <b>Chap-2 :</b> Input, Output & Secondary <b>Chap-3:</b> Concepts of Computer Software <b>Chap-4 :</b> Windows OS <b>Chap-5:</b> Windows Accessories.
<b>JUNE</b>	<b>UNIT-2:WEB PAGE DEVELOPMENT</b> <b>Chap-1:</b> Web Development Concepts <b>Chap-2 :</b> Introduction to HTML <b>Chap-3:</b> HTML Text .
<b>JULY</b>	<b>Chap-4:</b> HTML Lists & Images <b>Chap-5:</b> Table in HTML <b>UNIT-2:WEB PAGE DEVELOPMENT</b> <b>Chap-6:</b> Hyperlinks and Anchors <b>Chap-7:</b> HTML Frames & Forms <b>Chap-8:</b> Cascading Style Sheets <b>Chap-9:</b> XML .
<b>AUGUST</b>	<b>UNIT-3: WEB SCRIPTING</b> <b>Chap-1:</b> Introduction to VBscript) <b>Chap-2:</b> VBScript Procedures & Functions
<b>SEPTEMBER</b>	<b>UNIT-3: WEB SCRIPTING</b> <b>Chap-3:</b> Control Statements in VBScript <b>Chap-4:</b> VBScript Library Functions
<b>OCTOBER</b>	<b>UNIT-4: MULTIMEDIA AND AUTHORIZING TOOLS</b> <b>Chap-4:</b> Image Tracing with CoralDRAW and Significance of PDF
<b>NOVEMBER</b>	<b>Chap-5:</b> Using Animation and Sound
<b>DECEMBER</b>	Revision and tests
<b>JANUARY</b>	Revision and tests

## **SPLIT UP SYLLABUS 2014-15**

**CLASS : XI**

**SUB: INFORMATICS PRACTICES [IP]**

Name of Text- Book : Informatics Practices, By : Sumita Arora,

<b>MONTH</b>	<b>CHAPTER</b>
<b>APRIL - 14</b>	<b>Unit-I (Introduction to Computer systems) Chapter-01 (Computer System organization) Chapter-02 (Input, Output &amp; Secondary Memory)</b>
<b>JUNE - 14</b>	<b>Unit-I (Introduction to Computer Systems) Chapter-03 (Concepts of Computer Software) Chapter-04 (Operating System &amp; Security of System)</b>
<b>JULY - 14</b>	<b>Unit-II (JAVA) Chapter-01 (Starting JAVA) Chapter-02 (Working with Netbeans IDE) Chapter-03 (Working with Swing controls)</b>
<b>AUGUST - 14</b>	<b>Unit-II (JAVA) Chapter-04 (Variables &amp; Data types) Chapter-05 (JAVA operators &amp; expressions) Chapter-06 (Branching in JAVA)</b>
<b>SEPTEMBER - 14</b>	<b>Unit-II (JAVA) Chapter-07 (Looping in JAVA) Chapter-08 (Methods in JAVA)</b>
<b>OCTOBER - 14</b>	<b>Unit-II (JAVA) Chapter-09 (Classes in JAVA) Chapter-10 (Programming Methodology)</b>
<b>NOVEMBER - 14</b>	<b>Unit-III (Relational Database Management System) Chapter-01 (Database concepts) Chapter-02 (Introduction to My SQL) Chapter-03 (My SQL Commands)</b>
<b>DECEMBER - 14</b>	<b>Unit-III (Relational Database Management System) Chapter-04 (My SQL SELECT query) Chapter-05 (Functions in My SQL)</b>
<b>JANUARY – 15</b>	<b>Unit-IV (IT Applications) Chapter-01 (e-Governance, e-Business &amp; e-Learning)</b>
<b>FEBRUARY – 15</b>	<b>REVISION</b>

**SPLIT UP SYLLABUS 2014-15**  
**SUB: HEALTH & PHYSICAL EDUCATION**  
**Class: XI SCIENCE**

**Educational publishers.-** Saraswati house pvt.ltd

**Author –** Dr. V.K. SHARMA

<b>MONTH</b>	<b>LESSONS</b>
<b>APRIL</b>	Unit I Physical Fitness, Wellness & Lifestyle Unit II Changing Trends & Career In Physical Education
<b>JUNE</b>	Unit III Olympic Movement
<b>JULY</b>	Unit IV Yoga Unit V Doping
<b>AUGUST</b>	Unit VI Management Of Injuries
<b>SEPTEMBER</b>	Unit VII Test & Measurement In Sports
<b>OCTOBER</b>	Unit VIII Fundamentals Of Anatomy & Physiology
<b>NOVEMBER</b>	Unit IX Biomechanics & Sports
<b>DECEMBER</b>	Unit X Psychology & Sports
<b>JAN</b>	Unit XI Training In Sports
<b>FEBRUARY</b>	Revision

## **SPLIT UP SYLLABUS 2014-15**

### **SUB: ENGLISH**

### **Class: XI**

<b>MONTH</b>	<b>CHAPTER</b>
<b>APRIL</b>	<ul style="list-style-type: none"><li>• The Portrait of a Lady</li><li>• A Photograph</li></ul>
<b>JUNE</b>	<ul style="list-style-type: none"><li>• Note-making</li><li>• The Summer of the Beautiful White Horse-William Saroyan</li></ul>
<b>JULY</b>	<ul style="list-style-type: none"><li>• We're not afraid to die if we can all be together</li><li>• Discovering Tut : the Saga continues</li><li>• The Address -Marga Minco</li></ul>
<b>AUGUST</b>	<ul style="list-style-type: none"><li>• Factual description</li><li>• Ranga's Marriage</li><li>• Masti Venkatesha Iyengar</li></ul>
<b>SEPTEMBER</b>	<ul style="list-style-type: none"><li>• The voice of the rain</li><li>• The ailing planet: the green movement's role</li><li>• Complaint letters</li><li>• Albert Einstein at School - Patrick Pringle</li></ul>
<b>OCTOBER</b>	<ul style="list-style-type: none"><li>• The browning version</li><li>• Childhood</li><li>• Report writing</li></ul>
<b>NOVEMBER</b>	<ul style="list-style-type: none"><li>• Mothers's Day- J.B.Priestley</li><li>• Business letters</li></ul>
<b>DECEMBER</b>	<ul style="list-style-type: none"><li>• Article writing</li><li>• Birth - A.J.Cronin</li></ul>
<b>JANUARY</b>	<ul style="list-style-type: none"><li>• Father to son</li><li>• The Tale of Melon City - Vikram Seth</li></ul>
<b>FEBRUARY</b>	<p><b><i>REVISION FOR ANNUAL EXAMINATION RESUMES...</i></b></p> <p><b><i>ASSESSMENT OF SPEAKING AND LISTENING SKILLS WILL BE CONDUCTED AS A PART OF THE 'TERM-I &amp; TERM-II' EXAMINATION.</i></b></p>
<b>MARCH</b>	<p><b><i>FINAL EXAMINATION</i></b></p>