<table>
<thead>
<tr>
<th>Month</th>
<th>FL</th>
<th>V</th>
<th>AWS</th>
<th>AWS Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>April</td>
<td>The Last Lesson (Prose)</td>
<td>My Mother at Sixty Six (Poem)</td>
<td>The Tiger King (Prose)</td>
<td>Classified Advertisements</td>
</tr>
<tr>
<td>May</td>
<td>Lost Spring (Prose)</td>
<td>An Elementary School in a Slum (Poem)</td>
<td>The Enemy (Prose)</td>
<td>Note – Making &amp; Summary</td>
</tr>
<tr>
<td>July</td>
<td>Deep Water (Prose)</td>
<td>Rattrap (Prose)</td>
<td>Keeping Quiet (Poem)</td>
<td>Should Wizard Hit Mommy (Prose)</td>
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<tr>
<td>August</td>
<td>Indigo (Prose)</td>
<td>A Thing of Beauty (Poem)</td>
<td>On The Face of It (Prose)</td>
<td>Commercial Advertisement</td>
</tr>
<tr>
<td>September</td>
<td>Novel (1 – 10)</td>
<td>Poster Writing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>October</td>
<td>Novel (11 – 28) (to the end)</td>
<td>Business letter, Letters of Complaint</td>
<td></td>
<td></td>
</tr>
<tr>
<td>November</td>
<td>Going Places (Prose)</td>
<td>Aunt Jennifers's Tigers (Poem)</td>
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<td></td>
</tr>
</tbody>
</table>
V : Evans Tries an O-Level (Prose)
    Memories of Childhood (Prose)
AWS : Placing Orders
December
AWS : Job Applications
Names of the Text – Books :
Flamingo (FL)
Vistas (V)
The Invisible Man (By H.G. Wells) - (Novel)
Advanced Writing Skills (AWS)
Ist Unit Test : Chapter and AWS completed till July
Half Yearly : Chapters and AWS completed till September
Pre – Board : Entire Syllabus

**Subject - Accountancy**

**April & May**

Unit I Fundamentals of Partnership Firm
Unit II Admission of Partner

**July – September**

1. Admission of Partner – Cont .... (Adjustment of Capital)
2. Retirement of Partner
3. Death of a Partner
4. Dissolution of Partnership
5. Comparative Income Statement

**October – December**

1. Company Accounts
2. Issue of Debentures
3. Redemption of debentures
4. Financial Analysis
5. Balance Sheet of Company
6. Accounting Ratio’s
7. Cash Flow Statement
8. Project Work Analysis

**Subject - Business Studies**

**April & May**

1. Nature & Significance of Management
2. Principles of Management

July – September
3. Business Environment
4. Planning
5. Organizing
6. Staffing
7. Directing

October – December
1. Controlling
2. Financial Management
3. Financial Market
4. Marketing
5. Consumer Protection

Subject - Biology

<table>
<thead>
<tr>
<th>Month</th>
<th>Chapter</th>
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<tbody>
<tr>
<td>1st Term</td>
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</tr>
<tr>
<td>APRIL</td>
<td>Ch.1. Reproduction in animals</td>
</tr>
<tr>
<td></td>
<td>Ch.2. Sexual reproduction in flowering plants</td>
</tr>
<tr>
<td>MAY</td>
<td>Ch.3. Human reproduction</td>
</tr>
<tr>
<td></td>
<td>Ch.4. Reproductive health</td>
</tr>
<tr>
<td>JULY</td>
<td>Ch.8. Human health and diseases</td>
</tr>
<tr>
<td></td>
<td>Ch.13. Organisms and population</td>
</tr>
<tr>
<td>AUGUST</td>
<td>Ch.5. Principles of inheritance of variations</td>
</tr>
<tr>
<td></td>
<td>Ch.6. Molecular basis of inheritance</td>
</tr>
<tr>
<td>SEPTEMBER</td>
<td>Ch.14. Ecosystem</td>
</tr>
<tr>
<td></td>
<td>Ch.7. Evolution</td>
</tr>
<tr>
<td>2nd Term</td>
<td></td>
</tr>
<tr>
<td>OCTOBER</td>
<td>Ch.15. Biodiversity and conservation</td>
</tr>
<tr>
<td></td>
<td>Ch.9. Strategies for enhancement in food production</td>
</tr>
<tr>
<td>NOVEMBER</td>
<td>Ch.11. Biotechnology principle and processes</td>
</tr>
<tr>
<td></td>
<td>Ch.12. Biotechnology and its applications</td>
</tr>
<tr>
<td>DECEMBER</td>
<td>Ch.10. Microbes in human welfare</td>
</tr>
<tr>
<td></td>
<td>Ch.16. Environmental issues</td>
</tr>
</tbody>
</table>

UNIT TEST (August) : Chapter 1. Reproduction in organisms
Chapter 2. Sexual reproduction in flowering plants
Chapter 3. Human reproduction

HALF YEARLY (October) : Till Molecular basis of inheritance
1st PRE BOARD (Jan) : All chapters

2nd PRE BOARD (Feb) : All chapters

(Chapters & sub topics as per CBSE curriculum)

Subject : Biotechnology

1st TERM:-
Chapter 3,4,5,6

2nd TERM:- Chapter 1, 2

1st term – Microbial cell culture, Plant cell culture (few topics)

Half yearly – 4,5,6

1st Pre – Board - All chapters

2nd Pre – Board - All chapters

Assignment :- To visit any laboratories, pathology centers or any hospitals and perform experiments related to biotechnology and prepare a report.

Subject - Computer Science

<table>
<thead>
<tr>
<th>MONTH</th>
<th>CHAPTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>APRIL</td>
<td>OBJECT ORIENTED PROGRAMMING</td>
</tr>
<tr>
<td></td>
<td>CLASSES AND OBJECTS</td>
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<tr>
<td>MAY</td>
<td>CONSTRUCTORS AND DESTRUCTORS</td>
</tr>
<tr>
<td></td>
<td>FUNCTION OVERLOADING</td>
</tr>
<tr>
<td>JULY</td>
<td>C++ REVISION TOUR</td>
</tr>
<tr>
<td></td>
<td>INHERITANCE</td>
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<tr>
<td></td>
<td>DATA FILE HANDING</td>
</tr>
<tr>
<td>AUGUST</td>
<td>POINTERS</td>
</tr>
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<td>ARRAYS</td>
</tr>
<tr>
<td>SEPTEMBER</td>
<td>LINKED LISTS, STACKS AND QUEUES</td>
</tr>
<tr>
<td></td>
<td>DATABASE CONCEPTS</td>
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<tr>
<td>OCTOBER</td>
<td>STRUCTURED QUERY LANGUAGE</td>
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<tr>
<td></td>
<td>BOOLEAN ALGEBRA</td>
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<tr>
<td>NOVEMBER</td>
<td>BOOLEAN ALGEBRA</td>
</tr>
</tbody>
</table>
COMMUNICATION TECHNOLOGIES

DECEMBER
PROJECT WORK

HOLIDAY HOMEWORK
C++ REVISION TOUR, COMMUNICATION TECHNOLOGY.

TEST – I
C++ REVISION TOUR, OBJECT ORIENTED PROGRAMMING, CLASSES AND OBJECTS, CONSTRUCTORS AND DESTRUCTORS, FUNCTION OVERLOADING, INHERITANCE.

HALF YEARLY EXAMINATION
C++ REVISION TOUR, OBJECT ORIENTED PROGRAMMING, CLASSES AND OBJECTS, CONSTRUCTORS AND DESTRUCTORS, FUNCTION OVERLOADING, INHERITANCE, POINTERS, ARRAYS, LINKED LIST, STACKS AND QUEUES.

PRE-BOARD-I
C++ REVISION TOUR, OBJECT ORIENTED PROGRAMMING, CLASSES AND OBJECTS, CONSTRUCTORS AND DESTRUCTORS, FUNCTION OVERLOADING, INHERITANCE, POINTERS, ARRAYS, LINKED LIST, STACKS AND QUEUES, DATABASE CONCEPTS, STRUCTURED QUERY LANGUAGE, BOOLEAN ALGEBRA, COMMUNICATION TECHNOLOGIES.

PRE-BOARD-II
C++ REVISION TOUR, OBJECT ORIENTED PROGRAMMING, CLASSES AND OBJECTS, CONSTRUCTORS AND DESTRUCTORS, FUNCTION OVERLOADING, INHERITANCE, POINTERS, ARRAYS, LINKED LIST, STACKS AND QUEUES, DATABASE CONCEPTS, STRUCTURED QUERY LANGUAGE, BOOLEAN ALGEBRA, COMMUNICATION TECHNOLOGIES.

Subject : Chemistry

Month | Topics
--- | ---
April | (1) Solid State (2) Solutions
May | (1) Electrochemistry
(2) General Principles and Process of isolation of elements
June | (1) Chemistry in everyday life (self study for class presentation)
July | (1) Biomolecules (2) Haloalkanes and Haloarenes
(3) Alcohols, phenol and ethers
August | Alcohols, phenol and ethers (contd.)
(1) Aldehydes, ketones and carboxylic acids
September | (1) Organic compounds containing nitrogen (2) Chemical kinetics
October | (1) Surface Chemistry (2) Co-Ordination Chemistry
November | (1) Polymers (2) p-block elements (15, 16-group)
December | p-block elements (contd. 17, 18 groups)
(1) d –and f-block elements
1st Unit Test -
Solid state, Solutions, Electrochemistry, Chemistry in every – day life, General Principles and Extractions

Half yearly -
Solid state, Solutions, Electrochemistry, Chemistry in every – day life, (2) General Principles and process of isolation of elements, Bio molecules

Haloalkanes and Haloarenes
Alcohols, Phenol and Ethers
Aldehydes, Ketones and Carboxylic Acids, Organic Compounds containing Nitrogen

**Subject - Economics**

**Part (A)**

April : (1) Micro Economics & Central Problems of an Economy.
        (2) Consumer’s Equilibrium

May :    (3) Theory of Demand
        (4) Elasticity of Demand & Numerical.

July :   (5) Theory of Supply.
        (6) Elasticity of supply & numerical.
        (7) Production function
        (8) Concept of cost & Revenue & numerical

August : 1st Unit Test  Chapter (1 to 8)
        (9) Producer’s equilibrium
        (10) Forms of market
        (11) Price determination under perfect completion. And determination of price output and equilibrium under different situation.

**Part (B)**

September & October (1) Introduction to Macros & its basic concepts.
(2) Circular flow of National Income.
(3) Measurement of National Income and numericals
Half Yearly   (Part – A Chapter 1 to 11)
             (Part – B Chapter 1 and 3)

November   (4) Money and its functions.
            (5) Supply of money and credit creation
            (6) Banking

December   (7) Determination of income output and employment theory.
            (8) Budget
            (9) Balance of Payment
            (10) Foreign exchange

1st Prelims Whole syllabus
Dec / Jan
Part –A Micro – Chapter (1 to 11)
Part –B Micro - Chapter (1 to 10)

II\textsuperscript{nd} Prelims
Whole syllabus (Micro + Macro)

February

Subject : Legal Studies

April : UNIT I : Salient Features of Indian Judiciary
May : UNIT II : Law of Torts, Criminal Law
July : UNIT II : Transfer of Property Act, Contract Act, Administrative Act
UNIT III : Adversarial and Inquisitorial Systems, Introduction to alternative dispute resolution, Types of ADR, Lok Adalats, Ombudsman
Lokpal and Lokayukta
August : UNIT IV : Human Rights
September : UNIT V : History of the legal profession in India, Legal profession in other Jurisdictions
November : UNIT VII : Introduction to International Law, International Human Rights
Introduction to International Law, Sources of International Law
International Institutions, International Human Rights
December : Revision

First Unit Test : Unit I and Unit II
Half Yearly : Unit I ; Unit II ; Unit III and Unit IV
Second Unit Test : UNIT V TO UNIT VII

Subject : Mathematics

April : Matrices & Determinants
Adjoint & Inverse of Matrices
Solution of System of Linear Equations
May : Relations and Functions
Binary Operation
Inverse Trigonometric Function
July : Continuity and Differentiability
Differentiation and Mean value theorem
Application of Derivatives
(Rate of change of Quantities)
August : Increasing and Decreasing Functions
Tangents & Normal
Approximations

September : Maxima & Minima
Indefinite Integration

October : Definite Integration & its properties
Use of limit of Sum

November : Area Enclosed by curves
Differential Equations
Vector Algebra

December : Three-D geometry
Linear programming
Probability

Ist Unit test : Chapters covered from April to August
Half yearly : Chapters covered from April to September
1st Pre board : Whole Syllabus
2nd Pre board : Whole Syllabus.

Subject : Informatics Practices

<table>
<thead>
<tr>
<th>Month</th>
<th>Unit 1- Chapter 1</th>
<th>Unit 2-Chapter 1</th>
<th>Unit 2-Chapter 2</th>
<th>Unit 2-Chapter 3</th>
<th>Unit 2-Chapter 4</th>
<th>Unit 2-Chapter 5</th>
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<tbody>
<tr>
<td>April</td>
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<td>Holiday Homework &gt;&gt; Preparation of Project Report on various topics allotted to them.</td>
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<td>August</td>
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<td>September</td>
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<td></td>
<td>Half Yearly Examination --- Unit 1 (Chapter 1 &amp; 2) , Unit 2(Chapter 3,4,5)</td>
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<td>October</td>
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<td>November</td>
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<td>December</td>
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<td></td>
<td>December --- Project Work</td>
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</tbody>
</table>

8
Subject : Physical Education

April /May 2015
Unit I Planning in Sports
Unit II Adventure Sports & Leadership Training

July 2015
Unit III Sports & Nutrition

August 2015
Unit IV Postures
Unit V Children & Sports

September 2015
Unit VI Women & Sports
Unit VII Test & Measurement in sports

October 2015
Unit VIII Physiology & Sports
Unit IX Sports Medicine

November 2015
Unit X Biomechanics & Sports
Unit XI Psychology & Sports

December 2015
Unit XII Training in Sports

Practical
- All the practical topics given in the theory book.
  * I\textsuperscript{st} Test – Unit 1 to 3,
  * Half Yearly – Unit 4 to 7 including Unit 1, 2, 3 of I\textsuperscript{st} test also
  * Pre Board (I & II) Examination Syllabus - Syllabus (according to CBSE curriculum)

Subject : Physics

<table>
<thead>
<tr>
<th>Month</th>
<th>Topics</th>
</tr>
</thead>
<tbody>
<tr>
<td>April &amp; May</td>
<td>Electrostatics</td>
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</table>
अगस्त – आरोह – कविता – केंद्र में बन अपाहिज, सहर्ष स्वीकार है।

सितंबर – आरोह – कविता – उषा, बादल राग

अगस्त – आरोह – कविता – केंद्र में बन अपाहिज, सहर्ष स्वीकार है।

सितंबर – आरोह – कविता – उषा, बादल राग

अगस्त – आरोह – कविता – केंद्र में बन अपाहिज, सहर्ष स्वीकार है।

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अगस्त – आरोह – कविता – केंद्र में बन अपाहिज, सहर्ष स्वीकार है।

सितंबर – आरोह – कविता – उषा, बादल राग
<table>
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<tr>
<th>माह</th>
<th>आरोह</th>
<th>कविता - कवितावली</th>
<th>गद्य - श्रम विभाजन</th>
<th>व्याकरण - अन्याय पढ़ाये गये विषयों का</th>
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<tr>
<td>अक्टूबर</td>
<td>आरोह</td>
<td>कविता - कवितावली</td>
<td>गद्य - श्रम विभाजन</td>
<td>व्याकरण - अन्याय पढ़ाये गये विषयों का</td>
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<tr>
<td>नवम्बर</td>
<td>आरोह</td>
<td>कविता - तुलसी, छोटा मेरा खेत।</td>
<td>गद्य - शिरीष के फूल, मेरी कल्यना का आदर्श समाज।</td>
<td>विलान - डायरी के पन्ने</td>
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<tr>
<td>दिसम्बर</td>
<td>आरोह</td>
<td>कविता - बगुलों के पंख, रुबाइयों, गजल</td>
<td>सभी विषयों का अन्याय सॅप्लेप पेपर से।</td>
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