"The goal of education is the advancement of knowledge and dissemination of truth" — J oh F Kennedy

The real objective of education is to enrich the lives of students and create articulate and expressive thinkers who are socially responsible, resilient, and active citizens of the world. Education is about teaching students, not subjects, making them lifelong learners. Engaging students in their learning, and maximizing the potential of each and every child is the real purpose of education. Looking beyond the child’s intellect and focussing upon the holistic grooming is the focus of the school. Making learning as a lifelong journey is the very purpose of education for which the institution is committed for.

OBJECTIVES OF CURRICULUM

• This curriculum is aimed at building the faculty of reasoning and channeling the thoughts into productive learning.

• Give the opportunity to maximize the pupil’s potential.

"The function of education is to teach one to think intensively and critically. Intelligence plus character, that is the goal of true education"

— Martin Luther King Jr.
### DATE SHEET 2017-18

#### FIRST TEST SERIES (June — July)

<table>
<thead>
<tr>
<th>Day</th>
<th>Date</th>
<th>Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuesday</td>
<td>27.06.17</td>
<td>Maths/ IP/ Phy.Edu./ Biology</td>
</tr>
<tr>
<td>Wednesday</td>
<td>28.06.17</td>
<td>B.St./ Chemistry/ Psychology</td>
</tr>
<tr>
<td>Thursday</td>
<td>29.06.17</td>
<td>English</td>
</tr>
<tr>
<td>Friday</td>
<td>30.06.17</td>
<td>Optional/ Economics</td>
</tr>
<tr>
<td>Saturday</td>
<td>01.07.17</td>
<td>Physics/ Account./ Pol.Science</td>
</tr>
</tbody>
</table>

#### SECOND TEST SERIES (August)

<table>
<thead>
<tr>
<th>Day</th>
<th>Date</th>
<th>Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuesday</td>
<td>08.08.17</td>
<td>English</td>
</tr>
<tr>
<td>Wednesday</td>
<td>09.08.17</td>
<td>Physics/ Account./ Pol.Science</td>
</tr>
<tr>
<td>Thursday</td>
<td>10.08.17</td>
<td>Optional/ Economics</td>
</tr>
<tr>
<td>Friday</td>
<td>11.08.17</td>
<td>Maths/ IP/ Phy.Edu./ Biology</td>
</tr>
<tr>
<td>Monday</td>
<td>14.08.17</td>
<td>B.St./ Chemistry/ Psychology</td>
</tr>
</tbody>
</table>

**PTM : 26th August 2017**

#### HALF-YEARLY (September)

<table>
<thead>
<tr>
<th>Day</th>
<th>Date</th>
<th>Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday</td>
<td>11.09.17</td>
<td>English</td>
</tr>
<tr>
<td>Wednesday</td>
<td>13.09.17</td>
<td>Physics/ Account./ Pol.Science</td>
</tr>
<tr>
<td>Friday</td>
<td>15.09.17</td>
<td>Optional/ Economics</td>
</tr>
<tr>
<td>Monday</td>
<td>18.09.17</td>
<td>Maths/ IP/ Phy.Edu./ Biology</td>
</tr>
<tr>
<td>Wednesday</td>
<td>20.09.17</td>
<td>B.St./ Chemistry/ Psychology</td>
</tr>
</tbody>
</table>

**PTM : 14th October 2017**

#### MOCK ANNUAL EXAM (January)

<table>
<thead>
<tr>
<th>Day</th>
<th>Date</th>
<th>Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuesday</td>
<td>09.01.18</td>
<td>B.St./ Chemistry/ Psychology</td>
</tr>
<tr>
<td>Friday</td>
<td>12.01.18</td>
<td>English</td>
</tr>
<tr>
<td>Monday</td>
<td>15.01.18</td>
<td>Physics/ Account./ Pol.Science</td>
</tr>
<tr>
<td>Thursday</td>
<td>18.01.18</td>
<td>Optional/ Economics</td>
</tr>
<tr>
<td>Monday</td>
<td>22.01.18</td>
<td>Maths/ IP/ Phy.Edu./ Biology</td>
</tr>
</tbody>
</table>

**PTM : 29th January 2018**

#### ANNUAL EXAM

<table>
<thead>
<tr>
<th>Day</th>
<th>Date</th>
<th>Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday</td>
<td>14.02.18</td>
<td>English</td>
</tr>
<tr>
<td>Saturday</td>
<td>17.02.18</td>
<td>Physics/ Account./ Pol.Science</td>
</tr>
<tr>
<td>Tuesday</td>
<td>20.02.18</td>
<td>Optional/ Economics</td>
</tr>
<tr>
<td>Friday</td>
<td>23.02.18</td>
<td>Maths/ IP/ Phy.Edu./ Biology</td>
</tr>
<tr>
<td>Monday</td>
<td>26.02.18</td>
<td>B.St./ Chemistry/ Psychology</td>
</tr>
</tbody>
</table>

**PTM : 12th March 2018**
<table>
<thead>
<tr>
<th>Prescribed Books:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Hornbill</td>
<td>Text book in English For Class XI</td>
</tr>
<tr>
<td></td>
<td>(Core Course) NCERT</td>
</tr>
<tr>
<td>Snapshots</td>
<td>Supplementary Reader in English for class XI</td>
</tr>
<tr>
<td></td>
<td>(Core course) NCERT</td>
</tr>
<tr>
<td>Novel</td>
<td>'The Canterville Ghost' by Oscar Wilde</td>
</tr>
<tr>
<td>Reference Book</td>
<td>BBC Resource Book</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>APRIL-MAY</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Hornbill</td>
<td>L-1 The Portrait of a Lady</td>
</tr>
<tr>
<td></td>
<td>P-1 A Photograph</td>
</tr>
<tr>
<td>Snapshots</td>
<td>L-1 The Summer of the Beautiful White Horse</td>
</tr>
<tr>
<td>Novel</td>
<td>L-1, 2</td>
</tr>
<tr>
<td>Grammar</td>
<td>Determiners, Tenses</td>
</tr>
<tr>
<td>Writing Skills</td>
<td>Notice Writing, Advertisements</td>
</tr>
<tr>
<td>Reading Skill</td>
<td>Note Making, Summary</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>JULY</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>HORN BILL</td>
<td>L-2 We are not Afraid to Die... Together</td>
</tr>
<tr>
<td></td>
<td>P-2 The Voice of Rain</td>
</tr>
<tr>
<td>Snapshots</td>
<td>L-2 The Address</td>
</tr>
<tr>
<td>Grammar</td>
<td>Error correction, Modals</td>
</tr>
<tr>
<td>Writing Skill</td>
<td>Business Letters-letters of enquiry, reply, placing an order, cancellation</td>
</tr>
<tr>
<td></td>
<td>Job letter application</td>
</tr>
<tr>
<td>Reading Skill</td>
<td>Comprehension passage</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>AUGUST-SEPTEMBER</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>HORN BILL</td>
<td>L-3 Discovering Tut.... The Saga Continues</td>
</tr>
<tr>
<td></td>
<td>P-3 Childhood</td>
</tr>
<tr>
<td>Snapshots</td>
<td>L-3 Ranga's Marriage</td>
</tr>
<tr>
<td>Novel</td>
<td>L-3, 4</td>
</tr>
<tr>
<td>Grammar</td>
<td>Reported Speech , Reordering of sentences</td>
</tr>
<tr>
<td>Writing Skill</td>
<td>Poster making, Complaint Letter, Article Writing</td>
</tr>
<tr>
<td>Reading Skill</td>
<td>Note making and summary</td>
</tr>
<tr>
<td>OCTOBER - DECEMBER</td>
<td></td>
</tr>
<tr>
<td>---------------------</td>
<td></td>
</tr>
<tr>
<td><strong>HORN BILL</strong></td>
<td></td>
</tr>
<tr>
<td>L-4 The Ailing Planet</td>
<td></td>
</tr>
<tr>
<td>L-5 The Browning Version</td>
<td></td>
</tr>
<tr>
<td>P-4 Father To Son</td>
<td></td>
</tr>
<tr>
<td><strong>Snapshots</strong></td>
<td></td>
</tr>
<tr>
<td>L-4 Albert Einstein at School</td>
<td></td>
</tr>
<tr>
<td>L-5 Mother's Day</td>
<td></td>
</tr>
<tr>
<td>L-7 Birth</td>
<td></td>
</tr>
<tr>
<td>L-8 The Tale of Melon city</td>
<td></td>
</tr>
<tr>
<td><strong>Novel</strong></td>
<td></td>
</tr>
<tr>
<td>L-5, 6, 7</td>
<td></td>
</tr>
<tr>
<td><strong>Grammar</strong></td>
<td></td>
</tr>
<tr>
<td>Active Passive Voice</td>
<td></td>
</tr>
<tr>
<td>Sub Verb Agreement</td>
<td></td>
</tr>
<tr>
<td>Editing: Omission Exercises</td>
<td></td>
</tr>
<tr>
<td><strong>Writing Skill</strong></td>
<td></td>
</tr>
<tr>
<td>Letter to the Editor, school/college authorities,</td>
<td></td>
</tr>
<tr>
<td>Speech Writing, Report Writing</td>
<td></td>
</tr>
<tr>
<td><strong>Reading Skill</strong></td>
<td></td>
</tr>
<tr>
<td>Unseen Comprehension, poem, passage</td>
<td></td>
</tr>
<tr>
<td>Note Making, Summary</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>JANUARY - FEBRUARY</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HORN BILL</strong></td>
</tr>
<tr>
<td>Revision of all the lessons covered</td>
</tr>
<tr>
<td><strong>Snapshots</strong></td>
</tr>
<tr>
<td>Revision of all the lessons covered</td>
</tr>
<tr>
<td><strong>Novel</strong></td>
</tr>
<tr>
<td>Revision</td>
</tr>
<tr>
<td><strong>Grammar &amp; Writing Skills</strong></td>
</tr>
<tr>
<td>Revision of all the topics</td>
</tr>
<tr>
<td><strong>Reading</strong></td>
</tr>
<tr>
<td>Note Making, Summary, comprehension practice</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>I Test Series</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Hornbill</strong></td>
</tr>
<tr>
<td>L-1, P-1</td>
</tr>
<tr>
<td><strong>Snapshots</strong></td>
</tr>
<tr>
<td>L-1</td>
</tr>
<tr>
<td><strong>Novel</strong></td>
</tr>
<tr>
<td>L-1, 2</td>
</tr>
<tr>
<td><strong>Grammar</strong></td>
</tr>
<tr>
<td>Determiners, Tenses, Reordering of sentences</td>
</tr>
<tr>
<td><strong>Writing Skills</strong></td>
</tr>
<tr>
<td>Notice Writing, Classified and display Advertisements</td>
</tr>
<tr>
<td><strong>Reading Skill</strong></td>
</tr>
<tr>
<td>Note Making, Summary</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>II Test Series</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HORN BILL</strong></td>
</tr>
<tr>
<td>L-2, P-2</td>
</tr>
<tr>
<td><strong>Snapshots</strong></td>
</tr>
<tr>
<td>L-2</td>
</tr>
<tr>
<td><strong>Novel</strong></td>
</tr>
<tr>
<td>L-1, 2</td>
</tr>
<tr>
<td><strong>Grammar</strong></td>
</tr>
<tr>
<td>Error correction, Modals</td>
</tr>
<tr>
<td><strong>Writing Skill</strong></td>
</tr>
<tr>
<td>Business Letters-enquiry, reply, placing order, cancellation, Job letter application</td>
</tr>
<tr>
<td><strong>Reading Skill</strong></td>
</tr>
<tr>
<td>Comprehension passage</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>-------------</td>
</tr>
<tr>
<td>HORN BILL</td>
</tr>
<tr>
<td>Snapshots</td>
</tr>
<tr>
<td>Novel</td>
</tr>
<tr>
<td>Grammar</td>
</tr>
<tr>
<td>Writing Skill</td>
</tr>
<tr>
<td>Reading Skill</td>
</tr>
</tbody>
</table>
Chapter 3 : Trigonometric Functions
Chapter 5 : Complex Numbers and Quadratic Equations
Chapter 4 : Principle of Mathematical Induction
Chapter 1 : Sets

Chapter 2 : Relations and Functions
Chapter 6 : Linear Inequalities
Chapter 7 : Permutations and Combinations
Chapter 8 : Binomial Theorem
Chapter 9 : Sequences and Series (till Geometric Progression)

Chapter 9 : Sequences and Series (cont.)
Chapter 10 : Straight Lines
Chapter 11 : Conic Sections

Chapter 12 : Introduction to Three Dimensional Geometry
Chapter 13 : Limits and Derivatives
Chapter 16 : Probability

Chapter 05 : Continuity and Chain Rule (class XII)

Term Wise Syllabus
First Test Series : Chapters - 1, 3, 4 and 5
Second Test Series : Chapters - 1 to 6
Half Yearly Examination : Chapters - 1 to 8
Mock Pre Board : Full Syllabus
Final Exams : Full Syllabus
# Informatics Practices

**Text Book**: Informatics Practices by CBSE

**April - May**
- **Chapter 1**: Hardware concepts
- **Chapter 2**: Software concepts & productivity tools

**July - September**
- **Chapter 3**: Information Security and Social Networking
- **Chapter 4**: Getting started with IDE Programming
- **Chapter 5**: Programming Fundamentals
- **Chapter 6**: Control Structures

**October - November**
- **Chapter 7**: Programming Guidelines
- **Chapter 8**: Introduction to My SQL

**December - February**
- **Chapter 9**: My SQL
- **Chapter 10**: Functions in My SQL
- **Chapter 11**: Sample Applications – Case Studies

**Term Wise Syllabus**
- **I Test Series**: Chapter 1, 2
- **II Test Series**: Chapter 1, 3, 4
- **I Term**: Chapter 1, 2, 3, 4, 5, 6
- **Final Exam**: Entire syllabus
-COMPUTER SCIENCE-

Text Book : Computer Science by Sumita Arora

APRIL - MAY

Chapter 1 : Computer Overview
Chapter 2 : Working with operating system
Chapter 4 : Input, output and Memory Devices
Chapter 5 : General OOPS concepts

JULY - SEPTEMBER

Chapter 6 : Getting started with C++
Chapter 7 : Data Handling
Chapter 8 : Operators & Expressions in C++

OCTOBER - NOVEMBER

Chapter 9 : Flow of Control
Chapter 10 : Standard Library Function

DECEMBER - FEBRUARY

Chapter 11 : User defined Functions
Chapter 12 : Array
Chapter 13 : Structures
Chapter 14 : Programming Methodology

Term Wise Syllabus

I Test Series : Chapter 1, 2
II Test Series : Chapter 1, 2, 4, 5
I Term : Chapter 1, 2, 4, 5, 6, 7, 8
Final Exam : Entire syllabus with practical
- PHYSICS -

Course Book : N.C.E.R.T.
Reference Book : Simplified Physics by S.L. Arora
Practice Manual : Mount Abu Public School
Practical Book : Together with Physics Practical

APRIL - MAY
Chapter 1 : Physical World
Chapter 2 : Units and Measurement
Chapter 3 : Motion in a straight line

JULY - AUGUST
Chapter 4 : Motion in Plane
Chapter 5 : Laws of Motion
Chapter 6 : Work, energy and power
Chapter 7 : Rotational Motion and system of particles
Chapter 8 : Gravitation
Chapter 9 : Properties of Matter - Solid

SEPTEMBER - DECEMBER
Chapter 10 : Properties of matter – Fluid
Chapter 11 : Thermal properties of matter
Chapter 12 : Thermodynamics
Chapter 13 : Kinetic Theory Of Gases
Chapter 14 : Oscillation.
Chapter 15 : Waves

TERM WISE SYLLABUS
First test series : Chapter 1,2,3
Second test series : Chapter 4,5,6
Third test series : Chapter 1 to 9
Mock Annual Exam : Full Syllabus
Annual Exam : Full Syllabus

- CHEMISTRY -

Textbooks : 1. Chemistry Part -I, Published by NCERT
2. Chemistry Part -II, Published by NCERT

Recommended Reference Books :
1. Comprehensive Chemistry by Dinesh's Publication
2. Fundamentals of Chemistry by Pradeep's Publication

Practice Manual
First Test Series (June-July)
Unit I : Some Basic Concepts of Chemistry
Unit II : Structure of Atom
Practicals

1. Characterization and Purification of Chemical Substances
   Crystallization of an impure sample of any one of the following:
   Copper sulphate.

2. Qualitative Analysis
   Preparation of standard solution of oxalic acid.
   Determination of strength of a given solution of sodium hydroxide
   by titrating it against standard solution of oxalic acid
   (microanalysis).
   Preparation of standard solution of sodium carbonate.
   Determination of strength of a given solution of hydrochloric acid
   by titrating it against standard sodium carbonate solution
   (microanalysis).

Second Test Series (August)

Unit III: Classification of Elements and Periodicity in Properties

Unit IV: Chemical Bonding and Molecular structure

Unit V: States of Matter: Gases and Liquids

Unit VIII: Redox Reactions

Half Yearly Examination (September)

Unit VI: Thermodynamics

Unit VII: Equilibrium (Till Le-Chatelier’s principle)

Practicals

Experiment based on pH
* Determination of pH of some solutions obtained from fruit juices,
  varied concentrations of acids, bases and salts using pH paper or
  universal indicator.
* Comparing the pH of solutions of strong and weak acids of same
  concentration.

Quantitative Estimation
* Determination of one anion and one cation in a given salt
  Anions- CO$_3^{2-}$, S$^{2-}$, SO$_4^{2-}$, NO$_2^-$, NO$_3^-$, Cl$^-$, Br$^-$, I$^-$, C$_2$O$_4^{2-}$, CH$_3$COO$^-$
  Cations- NH$_4^+$, Pb$^{2+}$, Cu$^{2+}$, Al$^{3+}$, Fe$^{3+}$

Mock Annual Examination (January)

Unit VII: Equilibrium (contd)

Unit IX: Hydrogen

Unit X: s-Block Elements (Alkali and Alkaline Earth Metals)

Unit XI: Some p-Block Elements

Unit XII: Organic Chemistry - Some Basic Principles and Technique
Unit XIII  : Hydrocarbons
Unit XIV   : Environmental Chemistry

INVESTIGATORY PROJECTS
Scientific investigations involving laboratory testing and collecting
information from other sources.

A Few suggested Projects
* Checking the bacterial contamination in drinking water by testing
  sulphide ion.
* Study of the methods of purification of water.
* Testing the hardness, presence of iron, fluoride, chloride etc.
  Depending upon the regional variation in drinking water and study
  of causes of presences of these ions above permissible limit (if any).
* Determination of the rate of evaporation of different liquids.

-BIOLOGY-

First Test Series (15%) April — May
Chapter 1  Living World
Chapter 2  Biological Classification
Chapter 5  Morphology of Flowering Plants
Chapter 16 Digestion in humans

Second Test Series (25%) July
Chapter 17  Respiration
Chapter 11  Transportation in plants
Chapter 12  Mineral Nutrition
Chapter 8   Cell
Chapter 7   Structural organizations in animals

For Half Yearly (50%) August — September
Chapters in Test Series 1 + in Test Series 2
Chapter 3  Plant Kingdom
Chapter 18  Body fluids and circulation

October — December
Chapter 4  Animal kingdom
Chapter 6  Anatomy in flowering plants
Chapter 9  Biomolecules
Chapter 10 Cell Cycle and Division
Chapter 13 Photosynthesis in Plants
Chapter 14 Respiration in plants
Chapter 15 Growth and development
Chapter 19 Excretory Products and Elimination

January
Chapter 20 Locomotion and Movements
Chapter 21 and Chapter 22

Final Exams (100%)
-ACCOUNTANCY-

Course book : T.S Grewal, NCERT
Project : To be covered during the session 2017-18

APRIL-MAY

PART-A Financial Accounting-I

Unit 1 Theoretical Framework
Ch.1 Introduction to Accounting
Ch.2 Basic Accounting Terms
Ch.3 Theory Base of Accounting and Accounting Standards
Ch.4 Process of Accounting & Basis of Accounting

Unit 2 Accounting Process
Ch.5 Accounting Equation
Ch.6 Accounting Procedure – Rules of Dr. & Cross.
Ch.7 Business Transactions - Vouchers
Ch.8 Journal and Ledger

JULY-AUGUST-SEPTEMBER

PART-A

Ch.9 Special Purpose Book 1 - Cash book
Ch.10 Special Purpose Book II - Other Book
Ch.11 Trial Balance
Ch.12 Bank Reconciliation Statement
Ch.13 Depreciation
Ch.14 Provision & Reserve
Ch.15 Bills of Exchange
Ch.16 Rectification of Errors

OCTOBER-NOVEMBER

PART-B Financial Accounting -II

Unit 3 Financial Statement of Sole Proprietorship
Ch.17 Financial Statement of Sole Proprietorship
Ch.18 Adjustment in Preparation of Financial Statement
Ch.19 Accounts from Incomplete Records

Unit 4 Financial Statement for Not for Profit Organisations
Ch.20 Financial Statement for Not for Profit Organisation
DECEMBER

Unit 5    Computer in Accounting

Term wise Syllabus
First Test Series  Ch 1-8 (Part-A)
Second Test Series  Ch- 9-12 (Part-A)
Half yearly Examination  Ch-9-16 (Part-A)
Mock Annual Examination  Full Syllabus
Annual Examination  Full Syllabus

Unit -wise Marking Scheme for Annual Exam

<table>
<thead>
<tr>
<th>Part A</th>
<th>Financial Accounting-I</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Theoretical framework  15 M</td>
</tr>
<tr>
<td>2.</td>
<td>Accountings Process  35 M</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part B</th>
<th>Financial Accounting-I</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.</td>
<td>Financial Statements of Sole proprietorship  15M</td>
</tr>
<tr>
<td>4.</td>
<td>Financial Statements of Non-profits  15 M</td>
</tr>
<tr>
<td>5.</td>
<td>Computers in Accounting  10 M</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part C</th>
<th>Project Work</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>10 M</td>
</tr>
</tbody>
</table>

Total 100 M
-BUSINESS STUDIES-

Course Book : N.C.E.R.T.
Reference Book : Business Studies by G.S.Alag and Subhash Dey
Practice Manual : Mount Abu Public School
Project : Project to be covered during the winter break

APRIL - MAY

Chapter 1 : Nature and Purpose of Business
Chapter 2 : Forms of Business Organization

JULY - AUGUST

Chapter 2 : Forms of Business Organization (cont.)
Chapter 3 : Public, Private and Global Enterprises
Chapter 4 : Business Services
Chapter 5 : Emerging Modes of Business

SEPTEMBER - OCTOBER - NOVEMBER - DECEMBER

Chapter 5 : Emerging Modes of Business (Cont.)
Chapter 6 : Social Responsibility of Business
Chapter 7 : Sources of Business Finance
Chapter 8 : Small Business
Chapter 9 : Internal Trade
Chapter 10 : International Business

TERM WISE SYLLABUS

First test series : Chapter 1, 2
Second test series : Chapter 12,3
Third test series : Chapter 1to 5
Mock Annual Exam: Full Syllabus.
Annual Exam : Full syllabus
-ECONOMICS-

Course Book: Book-1 NCERT
Book-2 Sandeep Garg
Book-1: Indian Economic Development
Book-2: Introduction to statistics
Project: To be part of summer vacation

APRIL-JULY

Book-1: Indian Economic Development
Ch-1: Indian Economy on the eve of Independence
Ch-2: Indian Economy (1950-1990)
Ch-3: New Economic Reforms

Book-2: Introduction to statistics
Ch-1: Introduction
Ch-2: Collection of Data
Ch-3: Organisation of Data
Ch-4: Presentation of Data

AUGUST-SEPTEMBER

Book-1: Indian Economic Development
Ch-4: Poverty
Ch-5: Human Capital Formation

Book-2: Introduction to statistics
Ch-5: Measures of Central Tendency
Ch-6: Measures of Dispersion

OCTOBER-NOVEMBER

Book-1: Indian Economic Development
Ch-6: Rural Development
Ch-7: Employment
Ch-8: Infrastructure

Book-2: Introduction to statistics
Ch-7: Correlation

DECEMBER-JANUARY

Book-1: Indian Economic Development
Ch-9: Environment and Sustainable Development
Ch-10: Comparative Development Experiences of India and its neighbours

Book-2: Introduction to statistics
Ch-8: Index Numbers
### Marking Scheme

**Part A : Statistics for Economics**

1. Introduction ........................ (13 marks)
2. Collection, Organisation and Presentation of Data
3. Statistical Tools and Interpretation ........................ (27 marks)

**Part B : Indian Economic Development**

4. Development Experience (1947-90) and Economic Reforms since 1991 ........................ (12 marks)
5. Current Challenges facing Indian Economy ........................ (20 marks)
6. Development Experience of India - A Comparison with Neighbours ........................ (8 marks)

**Theory Paper (40+40) ........................ (80 marks)**

**Part C : Project Work ........................ (20 marks)**

### TEST SERIES

<table>
<thead>
<tr>
<th>Test Series</th>
<th>Book-1</th>
<th>Book-2</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st Test Series</td>
<td>Ch-1,2</td>
<td>Ch-1,2</td>
</tr>
<tr>
<td>Half Yearly Exam</td>
<td>Ch-1,2,3,4,5</td>
<td>Ch-1,2,3,4,5,6</td>
</tr>
<tr>
<td>2nd Test Series</td>
<td>Ch-1,2,3</td>
<td>Ch-1,2,3,4</td>
</tr>
<tr>
<td>Final Term</td>
<td>Whole syllabus</td>
<td></td>
</tr>
</tbody>
</table>
### Political Science

<table>
<thead>
<tr>
<th>Course Book</th>
<th>Political Science NCERT: Book 1 &amp; 2</th>
</tr>
</thead>
</table>

**APRIL-MAY**

**Indian Constitution at Work:**
- **L-1** Making of the Constitution
- **L-9** Constitution as a living document
- **L-10** Philosophy of the Constitution
- **L-2** Fundamental Rights

**JULY-AUGUST**

**Political Theory:**
- **L-1** Political Theory
- **L-2** Freedom
- **L-3** Equality
- **L-4** Social Justice

**Indian Constitution at Work:**
- **L-3** Election and Representation
- **L-4** Executive in Parliamentary System

**OCTOBER-NOVEMBER**

**Political Theory:**
- **L-5** Rights
- **L-6** Citizenship
- **L-7** Nationalism
- **L-8** Secularism
- **L-9** Peace
- **L-10** Development

**Indian Constitution at Work:**
- **L-5** Legislature at the central and state level
- **L-6** Judiciary
- **L-7** Federalism
- **L-8** Local Government

<table>
<thead>
<tr>
<th>Test Series</th>
</tr>
</thead>
</table>

**1st Test Series**
- Indian Constitution at work: L-1, 9, 10

**2nd Test Series**
- Political Theory: L-1, 2, 3

<table>
<thead>
<tr>
<th>Half-Yearly Syllabus</th>
</tr>
</thead>
<tbody>
<tr>
<td>Political Theory     : L-1, 2, 3, 4, 5, 6</td>
</tr>
<tr>
<td>Indian Const. at work: L-1, 2, 3, 4, 9, 10</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mock Annual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Political Theory: Whole Syllabus</td>
</tr>
<tr>
<td>Indian Const. at work: Whole Syllabus</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Annual Exam</th>
</tr>
</thead>
<tbody>
<tr>
<td>Political Theory: Whole Syllabus</td>
</tr>
<tr>
<td>Indian Const. at work: Whole Syllabus</td>
</tr>
</tbody>
</table>
-PSYCHOLOGY-

APRIL-MAY
CHAPTER 1 : What is Psychology?
CHAPTER 2 : Methods of Enquiry in Psychology

JUNE-JULY-AUGUST
CHAPTER 3 : The Bases of Human Behaviour
CHAPTER 4 : Human Development
CHAPTER 5 : Sensory, Attentional and Perceptual Processes

SEPTEMBER - OCTOBER
CHAPTER 6 : Learning
CHAPTER 7 : Human Memory

NOVEMBER - DECEMBER
CHAPTER 8 : Thinking
CHAPTER 9 : Motivation and Emotion

PRACTICALS
1. Development of Case Profile
   Using appropriate methods like interview, observation and psychological tests.
2. Test administration
3. Students are required to understand 2 experiments.
   * Muller Lyer Experiment
   * Memory Drum
   In practical examination, the student will be required to perform one of the experiment.

Termwise Syllabus
First test series : 1,2 (Till Correlational Research)
Second test series : 2 (From Survey),3,4
Half yearly Examination : 1,2,3,4,5
Mock Annual Examination : Whole Syllabus
   2 Practicals
Annual Exam : Whole Syllabus
   2 Practicals
-ENGINEERING GRAPHICS-

APRIL - MAY
- Letter writing vertical position, construction of lines, angles and their divisions, simple questions based on trangles, quares, regular polygons-pentagon, hexagon & octagon
- Construction of circles external & internal tangents of circles.

JULY - SEPTEMBER
- Inscribing of circles in equilateral trangle, square, regular polygons-pentagon, hexagon
- Special curves
- Construction of ellipses
- Methods of orthographic Projections and dimensioning techniques
- Methods of orthographic Projections and dimensioning techniques
- Projection of points, lines, regular plane figure
- Construction of square, triangular pentagonal & hexagonal prisms and Pyramids

OCTOBER - DECEMBER
- Orthographic view of Cones, Cylinder & all solids.
- Verticals Pyramid and Prism
- Horizontal solids with axis at right angles t oV.P.
- Horizontal solids with axis parallel to V.P
- Solids inclined to V.P.
- Solids inclined to H.P
- Frustums of solids

JANUARY - FEBRUARY
- Horizontal frustum inclined to V.P.
- Horizontal frustum inclined to H.P.
- Sectional Projections of verticals solid verticals sectioning, horizontal sectioning, oblique sectioning.
- Sectional Projection of solids with axis parallel to V.P.
- Orthographic Projections of Simple machine blocks
- Front view using first angle method of projection
- Construction of isometric scale showing main divisions of 10 mm & smaller divisions of 1 mm each.
- Isometric Projection of figures such as triangles, squares, pentagons, hexagons, circles & its one side should be either parallel to H.P. or V.P. and its one side should be either parallel or Perpendicular to H.P. / V.P.
- Isometric (Projection of solids, Prism, Pyramids or frustums of solid)
-PHYSICAL EDUCATION-

1ST TEST SERIES (15%) (JUNE-JULY)
Unit I  Changing Trends & Career in Physical Education
Unit II Olympic Movement

2ND TEST SERIES (25%) (AUGUST)
Unit III Physical Fitness, Wellness & Lifestyle
Complete Syllabus of 1st Test Series

HALF YEARLY EXAMINATION (50%) (SEPTEMBER)
Unit IV Physical Education & Sports for differently abled
Unit V  Yoga
Unit VI Physical Activity & Leadership Training
Complete Syllabus of 1st and 2nd test series

MOCK PRE BOARD EXAM (JANUARY)
Unit VII Test, Measurement & Evaluation
Unit VIII Fundamentals of Anatomy & Physiology
Unit IX  Kinesiology, Biomechanics & Sports
Unit X  Psychology & Sports
Unit XI Training in Sports
Unit XII  Doping
Complete Syllabus

Annual Exam : Complete Syllabus

Practical Details :
1ST TEST SERIES
1.  AAPHERD Youth Fitness Test

2ND TEST SERIES
1.  Pictorial presentation of any five Asanas for improving concentration. Practical File

HALF YEARLY EXAM
Practical 1 : Computation of BMI from family or neighbourhood & graphical representation of the data.

MONTH WISE SYLLABUS DISTRIBUTION
APRIL  Unit I  Changing Trends & Career in Physical Edu.
MAY  Unit II Olympic Movement
JULY  Unit III Physical Fitness, Wellness & Lifestyle
       Unit IV Physical Education & Sports for Differently Abled
AUGUST  Unit V  Yoga
         Unit VI Physical Activity & Leadership Training
SEPT.  Unit VII Test, Measurement & Evaluation
       Unit VIII Fundamental of Anatomy & Physiology
       Unit IX  Kinesiology, Biomechanics & Sports
OCT.   Unit X  Psychology & Sports
       Unit XI Training in Sports
       Unit XII  Doping