

**DELHI PUBLIC SCHOOL
FARIDABAD**



Syllabus 2015-16

Class - X

Subject : English

Class : X

Prescribed Text Books—

<i>Interact in English</i>	— Literature Reader (L.T.)	: C.B.S.E.
<i>Interact in English</i>	— Main Course Book (M.C.B.)	: C.B.S.E.
<i>Interact in English</i>	— Work Book (W.B.)	: C.B.S.E.
<i>Supplementary Reader</i>	— <i>The Story of My Life-Helen Keller</i>	
<i>Hands on</i>	— Project, Worksheet, F.C. and Assignment work	
	Lab Activity (Listening/Reading/Speaking)	

1st SEMESTER

Unit - I April 6 to July 13 = 20 + 10 + 10 = 40

Literature Reader : Two Gentlemen of Verona; Mrs.Packletide's Tiger; The Frog and the Nightingale ; The Dear Departed

Main Course Book : Unit- Health and Medicine

Writing Skills : Story writing, Formal Letter

Work Book : Integrated Grammar Exercise I and II

Supplementary Reader : The Story of My Life-Helen Keller Chp. 1-7

W.T. Syllabus : Section A-Comprehension

Section B -Formal Letter, Story Writing, Integrated Grammar

Section C - Two Gentlemen of Verona

W.T. Date(FA-I) : 20-04-2015

Worksheet Syllabus Integrated Grammar

Hands On :Project, Worksheet, F.C. and Assignment work,Lab Activity

Unit - II : July 14 to September 17 = 14 + 21 + 13 = 48

Literature Reader : The Letter; Not marble, nor the Gilded Monuments; Mirror

Main Course Book : Units - Education; Science

Writing Skills : Story Writing, Article Writing

Work Book : Integrated Grammar Exercise III and IV

Supplementary Reader : The Story of My Life-Helen Keller Chp. 8-14

W.T. Syllabus : Section A - Comprehension

Section B - Story Writing, Article Writing, Integrated Grammar

Section C - Not marble, nor the Gilded Monuments;

Mrs. Packletide's Tiger; Mirror

W.T. Date(FA-II) : 27-7-2015

Worksheet Syllabus: Integrated Grammar

Hands On :Project, Worksheet, F.C. and Assignment work, Lab Activity
1st Semester Examination

2nd SEMESTER

Unit - III September 30 to December 14 = 1 + 20 + 15 + 10 = 46
Literature Reader : A Shady Plot; Patol Babu, A Film Star; Ozymandias;
The Rime of the Ancient Mariner (Part 1)
Main Course Book : Units - Environment; Travel and Tourism
Writing Skills : Revision of Previous Work
Work Book : Integrated Grammar Exercise V
Supplementary Reader : The Story of My Life - Helen Keller Chp. 15-19
W.T. Syllabus : Section A -Comprehension
Section B - Story Writing, Article Writing, Integrated Grammar
Section C - A Shady Plot; Ozymandias;

W.T. Date (FA-III) : 26-10-2015

Worksheet Syllabus:Integrated Grammar

Hands On :Project, Worksheet, F.C. and Assignment work, Lab Activity
Unit IV December 15 to March 4 = 10 + 14 + 21 +4 = 49

Literature Reader : Virtually True; Snake; Julius Caesar, The Rime of the Ancient Mariner (Part II)
Main Course Book : National Integration
Writing Skills : Revision of Previous Work
Work Book : Integrated Grammar Exercise VI
Supplementary Reader : The Story of My Life -Helen Keller Chp. 20-23
W.T. Syllabus : Section A - Comprehension
Section B-Formal Letter, Story Writing; Integrated Grammar
Section C -Julius Caesar; Snake

W.T. Date (FAIV) : 21-12-2015

Worksheet Syllabus: Integrated Grammar

Hands On :Project, Worksheet,F.C.and Assignment work, Lab Activity

2nd Semester Examination

Subject : Maths

Prescribed Text Books—

A Text book of Mathematics : N.C.E.R.T.
1st SEMESTER

Unit - I April 6 to July 13 = 20 + 10 + 10 = 40

1. Real Numbers
 2. Polynomials
 3. Pair of linear equations in two variables
 4. Trigonometry
1. **Real Numbers** : Euclid's division lemma, Fundamental Theorem of Arithmetic - statements after reviewing work done earlier and after illustrating and motivating through examples, Proofs of results - irrationality of $\sqrt{2}, \sqrt{3}, \sqrt{5}$, decimal expansions of rational numbers in terms of terminating / non-terminating recurring decimals.
2. **Polynomials** : Zeros of a polynomial, Relationship between zeros and coefficients of a polynomial with particular reference to quadratic polynomials. Statement and simple problems on division algorithm for polynomials with coefficients.
3. **Pair of linear equations in two variables** : Pair of linear equations in two variables. Geometric representation of different possibilities of solutions/inconsistency. Algebraic conditions for number of solutions. Solution of pair of linear equations in two variables algebraically - by substitution, by elimination and by cross multiplication. Simple problems on equations reducible to linear equations word problems based on above.
4. **Trigonometry**
 - i. Trigonometric ratios of an acute angle of a right angled triangle. Motivate the ratios, whichever are defined at 0° & 90° . Values (with proofs) of the trigonometric ratios of $30^\circ, 45^\circ$ & 60° . Relationships between the ratios.
 - ii. Trigonometric Identities : Proof and applications of the identity $\sin^2\theta + \cos^2\theta = 1$. Only simple identities to be given. Trigonometric ratios of complementary angles.

Handson/Lab Activities :

To obtain the conditions of consistency of a system of linear equation in two variables by graphical method.

W.T. Date : 06.07.2015

W.T. Syllabus : Real Numbers, Polynomials.

Worksheet Syllabus :Same as Weekly Test Syllabus.

Unit - II : July 14 to September 17 = 14 + 21 + 13 = 48

1. Similar Triangles
2. Statistics

- Triangles Similar** : Basic Proportionality Theorem
 - If a line is drawn parallel to one side of a triangle to intersect the other two sides in distinct points, the other two sides are divided in the same ratio.
 - (Converse of BPT) If a line divides two sides of a triangle in the same ratio, the line is parallel to the third side.
 - If in two triangles, the corresponding angles are equal, their corresponding sides are proportional and the triangles are similar.
 - If the corresponding sides of two triangles are proportional, their corresponding angles are similar.
 - If one angle of a triangle is equal to one angle of another triangle and the sides including these angles are proportional, the two triangles are similar.
 - If a perpendicular is drawn from the vertex of the right angle of a right triangle to the hypotenuse, the triangles on each side of the perpendicular are similar to the whole triangle and to each other.
 - The ratio of the areas of two similar triangles is equal to the ratio of the squares on their corresponding sides.
 - In a triangle, if the square on one hypotenuse is equal to the sum of the squares on the other two sides.
 - In a triangle, if the square on one side is equal to sum of the squares on the other two sides, the angles opposite to the first side is a right triangle.
- Statistics** : Mean, median and mode of grouped data. Cumulative frequency graph.

Handson/Lab Activities :

- To verify the proportionality theorem using parallel line board and triangle cut outs.
- To verify the ratio of the areas of two similar triangles is equal to the ratio of the squares on their corresponding sides.
- To verify Pythagoras theorem by paper cutting method.

Group Activity : Collection of Data and illustrating in through graphs.

W.T. Date : 24.8.2015

W.T.Syllabus : Trigonometry, Pair of Linear equations in two variables

Worksheet Syllabus : Same as Weekly Test Syllabus.

Unit - III September 30 to December 14 = 1 + 20 + 15 + 10 = 46

- Quadratic Equations
- Arithmetic Progressions
- Circles
- Constructions
- Heights and Distances

- Quadratic Equations** : Standard form of a quadratic equation $ax^2 + bx + c = 0$, ($a \neq 0$). Solution of the quadratic equations (only real roots) by factorization and by completing the square, i.e. by using quadratic formula. Relationship between discriminant and nature of roots. Word problems based on above.
 - Arithmetic Progressions** : Motivation for studying AP. Derivation of standard results of finding the n^{th} term and sum of first n terms.
 - Circles** :
 - The tangent at any point of a circle is perpendicular to the radius through the point of contact.
 - The lengths of tangents drawn from an external point to circle are equal.
 - Constructions** :
 - Division of a line segment in a given ratio (internally)
 - Tangent to a circle from a point outside it.
 - Construction of a triangle similar to a given triangle.
 - Heights and Distances** : Simple and believable problems on heights and distances. Problems should not involve more than two right triangles. Angles of elevation / Depressions should be only 30° , 45° & 60° .
- Handson/Lab Activities :**
- To verify that the given sequence is an Arithmetic Progressions by paper cutting and pasting method.
 - To demonstrate the sum of the first n odd natural numbers is n .
 - To find the sum of first n natural numbers.
 - To derive the formula for finding the sum of n terms of an A.P.
 - The length of tangents drawn from an external point to the circle are equal.

W.T. Date : 07.12.2015

W.T.Syllabus : Quadratic Equations, Arithmetic Progressions

Worksheet Syllabus : Same as weekly Test Syllabus

Unit - IV December 15 to March 4 = 10 + 14 + 21 + 4 = 49

- Areas Related to Circles
- Surface Areas and Volumes
- Co-ordinate Geometry
- Probability

Areas Related to Circles :

Motivates the area of a circle; area of sectors and segments of circle. problems based on area and perimeter/circumference of the above said plane figures. (In calculating area of segment of a circle, problems should be restricted to central angle of 60° , 90° & 120° only. Plane figures involving triangles, simple quadrilaterals and circle should be taken.)

2. **Surface Areas and Volumes :**
 - i. Problems on finding surface areas and volumes of combinations of any two of the following: cubes, cuboids, spheres, hemispheres and right circular cylinders/cones. Frustum of a cone.
 - ii. Problems involving converting one type of metallic solid into another and other mixed problems.
3. **Co-ordinate Geometry :**
Review the concepts of coordinate geometry done earlier including graphs of linear equations. Awareness of geometrical representation of quadratic polynomials. Distance between two points and section formula (internal). Area of a triangle.
4. **Probability:**
Classical definition of probability. Connection with probability as given in Class IX. Simple problems on single events, not using set notation.

Handson/Lab Activities :

1. To make a right circular cylinder of given height and circumference of base.
2. To obtain the formula for lateral surface and total surface area of a cylinder.
3. To make a cone of given slant height l and base circumference.
4. To demonstrate the formula for the lateral surface area of a cone.

Project: Displacement and Translation of a Geometrical figure.

W.T. Date : 01.02.2016

W.T. Syllabus : Surface Areas and Volumes, Heights & Distances

Worksheet Syllabus : Same as weekly Test Syllabus

Suggested Readings :

1. Systematic Mathematics – S Chand Publications.
2. Mathematics for class X (R.D. Sharma)
3. Mathematics for class X by R.L.Arora
4. CBSE study in Mathematics by Manjeet Singh.
5. Together with Mathematics Class X.
6. Exemplar Problems for class X by N.C.E.R.T

Subject : Physics

Class : X

Prescribed Text Books—

Science — A Text book for class X : N.C.E.R.T.

1st SEMESTER

Unit - I April 6 to July 13 = 20 + 10 + 10 = 40

**Electricity
Practical (Class X)**

1. To determine the dependence of current on the potential difference across a resistor and to determine its resistance.
W.T. Date : 27.4.2015
W.T. Syllabus : Electricity (till pg.209)
Worksheet Syllabus: Practical 1

Unit - II : July 14 to September 17 = 14 + 21 + 13 = 48

**Magnetic Effect of Electric Current
Sources of Energy
Practicals (Class X)**

2. To determine the equivalent resistance of two resistors connected in series.
3. To determine the equivalent resistance of two resistors connected in parallel.
W.T. Date : 03.08.2015
W.T. Syllabus - Electricity (pg.209 onwards), Magnetic Effects of Electric Current (till pg.235)
Worksheet Syllabus: Practicals 2 and 3

**1st Semester Examination
2nd SEMESTER**

Unit - III: September 30 to December 14 = 1 + 20 + 15 + 10 = 46

**Light - Reflection and Refraction,
Practical (Class X)**

4. To trace the path of a ray of light through a glass slab and measure $\angle i, \angle r, \angle e$.
5. To draw the images of an object formed by convex lens when placed at various positions.
W.T. Date : 02.11.2015
W.T. Syllabus - Light - Reflection and Refraction (till Pg.175)
Worksheet Syllabus: Practicals 4 and 5

Hands On Project : To construct a device based on reflection or refraction of light.

Unit - IV: December 15 to March 4 = 10 + 14 + 21 + 4 = 49

**The Human Eye and The Colourful World
Practicals (Class X)**

6. To trace the path of the rays of light through a glass prism.
7. To determine the focal length of a concave mirror by obtaining image of a distant object.
8. To determine the focal length of a convex lens by obtaining image of a distant object.
W.T. Date : 28.12.2015
W.T. Syllabus - Light - Reflection and Refraction(Pg.176 onwards), Human Eye and Colourful World(till pg.194)
Worksheet Syllabus: Practicals 6,7 and 8

2nd Semester Examination

Subject : Chemistry**Prescribed Text Books— Science — A text book - X****Class : X
— N.C.E.R.T.****Ist Semester****Unit - I April 6 to July 13 = 20 + 10 + 10 = 40**

- Chapter :** Metal and Non - Metals
 : Chemical reactions and Equation(Chemical reactions and its characteristics.
 : Balancing of chemical equations)
Practical : 1. To arrange the metals in order of their decreasing reactivities (Mg,Zn,Cu,Al,Fe)
 2. To study the properties of NaOH and HCl

W.T. Date : 27.04.2015**W.T. Syllabus :** Metal and Non - Metal**Worksheet Syllabus :** Based on Practicals 1 and 2**Hands on (Project) :** To test the pH of different food samples.**Unit - II : July 14 to September 17 = 14 + 21 + 13 = 48**

- Chapter :** i. Chemical Reaction and Equation(remaining portion of the Chapter)
 ii. Acid, Bases and Salts

- Practical :** 3. To study the different types of chemical reactions.
 4. To find the pH of the samples using pH papers

W.T. Date : 03.08.2015**W.T. Syllabus :** Metal and Non - Metal (Remaining Part), Chemical Reaction and Equation**Worksheet Syllabus :** Based on Practicals 2 and 3**Hands on :** Inter disciplinary project.**2nd Semester****Unit - III September 30 to December 14 = 1 + 20 + 15 + 10 = 46****Chapter :** Carbon and its Compounds**Practical :** 5. To study the properties of ethanoic acid**W.T. Date :** 02.11.2015**W.T. Syllabus -** Carbon and its Compounds**Worksheet Syllabus :** Based on Practicals 5**Unit - IV December 15 to March 4 = 10 + 14 + 21 + 4 = 49****Chapter :** Periodic Classification of Element

- Practicals :** 6. To study the comparative cleaning capacity sample of soap in soft and hard water.
 7. To study saponification reaction for the preparation of soap.

W.T. Date : 28.12.2015**W.T. Syllabus :** Carbon and its Compounds (Remaining Part)
 Periodic Classification of Element**Worksheet Syllabus :** Based on Practical 6,7**Second Semester Examination****-8-****Subject : Biology****Prescribed Text Books— Science NCERT for Class IX.****Class : X****1st SEMESTER****Unit - I April 6 to July 13 = 20 + 10 + 10 = 40**
Chapter: Life Processes:**Living things; basic concept of nutrition, respiration, transport in plants and animals**

- Practicals :** a. To study and prepare a temporary mount of leaf peel showing stomata.
 b. To study that sunlight is necessary for photosynthesis.

W.T. Date : 27.4.2015**W.T. Syllabus :** Life processes (till Nutrition in Amoeba)**Worksheet Syllabus :** MCQ's on the practical.

- To study that sunlight is necessary for photosynthesis.

Unit - II : July 14 to September 17 = 14 + 21 + 13 = 48**Chapter: Life Processes:****Excretion in plants and animals.****Chapter: Control and coordination :****Tropic Movements in plants, Introduction to plant hormones, control and coordination in animals, voluntary, involuntary and reflex action, nervous system, chemical coordination and animal hormones.**

- Practical :** • Carbon dioxide is given out during respiration.

W.T. Date : 03.08.2015**W.T. Syllabus :** Life processes(from nutrition in Human beings till the end), Control and Coordination (before Chemical Coordination in animals)**Hands on Activity :** Inter Disciplinary Project**Worksheet Syllabus:** MCQ's on the practical

- To study and prepare a temporary mount of leaf peel showing stomata.
- Carbon dioxide is given out during respiration.

1st Semester Examination**Unit - III September 30 to December 14 = 1 + 20 + 15 + 10 = 46**
Chapter: Why do organisms reproduce ?**Importance of DNA copying, variations, Asexual Reproduction and Reproduction in Plants.****Reproduction in human beings, Need for and methods of family planning, Child bearing and women's health.****Chapter: Heredity and Evolution.****Heredity: Mendel's contribution-Laws for inheritance of traits. Origin of**

life,brief introduction, basic concepts of evolution-evidences of evolution, sex determination, Human Evolution.

- Practicals** : To study
a).Binary fission in Amoeba and
b) budding in yeast with the help of prepared slides.
• To identify the different parts of an embryo of a dicot seed(pea gram or red kidney bean).

W.T. Date : 02.11.2015

W.T. Syllabus : Why do we reproduce?(till reproduction in plants)

Worksheet Syllabus: MCQ's on the practicals.

- To study
a) Binary fission in Amoeba and
b) budding in yeast with the help of prepared slides.
• To identify the different parts of an embryo of a dicot seed(pea gram or red kidney bean).

Unit - IV December 15 to March 4 = 10 + 14 + 21 + 4 = 49
Chapter : Our Environment

Environmental Problems, Ecosystem, Food Chain and Food Web, flow of energy in an Ecosystem, Biodegradable, non-biodegradable Substances, Ozone layer depletion.

Chapter: Management of Natural Resources

Forests and wildlife, coal and petroleum conservation, people's participation-Chipko movement, Big dams-advantages and limitations, water harvesting, sustainable management of natural resources.

- Practical** : To study homology and analogy with the help of preserved or available specimens of either animal or plants.

W.T. Date : 28.12.2015

W.T. Syllabus : Reproduction in animals, Heredity and Evolution (Partly)

Hands on Activity : Inter Disciplinary Project

Worksheet Syllabus: MCQ's on the practical.

To study homology and analogy with the help of preserved or available specimens of either animal or plants.

2nd Semester Examination

Subject : History

- Prescribed Text Books :**
- India and the Contemporary World-I
 - Managing Disaster

Class : X

1st SEMESTER

Unit - I April 6 to July 13 = 20 + 10 + 10 = 40

Chapter -6 : Work, Life and Leisure

W.T. Date : 11.5.2015

W.T. Syllabus : Work,Life and Leisure (Page No.127-137)

Worksheet Syllabus : Same as Weekly Test Syllabus

Hands On : The students will conduct a survey of a city/town on the basis of the points discussed in the class.

Unit - II : July 14 to September 17 = 14 + 21 + 13 = 48

Chapter - 7 : Print Culture and the Modern World

W.T. Date : 17.8.2015

W.T. Syllabus : Work, Life & Leisure (Page No. 138-150)
Print Culture and the Modern World (Page No.153-155)

1st Semester Examination

2nd SEMESTER

Unit - III September 30 to December 14 = 1 + 20 + 15 + 10 = 46

Chapter - 2 : The Nationalist Movement in Indo-China

W.T. Date : 30.11.2015

W.T. Syllabus : The Nationalist Movement in Indo-China (Page No. 29-42)

Unit - IV December 15 to March 4 = 10 + 14 + 21 + 4 = 49

Chapter -3 : Nationalism in India

W.T. Date : 25.01.2016

W.T. Syllabus : The Nationalist Movement in Indo-China(Page No.43-52)
Nationalism in India(Page No.53-57)

2nd Semester Examination

Subject : Political Science**Class : X**

Prescribed Text Book— Democratic Politics - Part-II, NCERT

1st SEMESTER

Unit - I April 6 to July 13 = 20 + 10 + 10 = 40
 Chapter - 1 Power Sharing

Chapter - 2 Federalism

W.T. Date : 11.5.2015

W.T. Syllabus : Power Sharing

Unit - II : July 14 to September 17 = 14 + 21 + 13 = 48
 Chapter - 3. Democracy and Diversity

Chapter - 4. Gender, Religion & Caste

W.T. Date : 17.8.2015

W.T. Syllabus - Federalism
 Democracy and Diversity(Part-I)

Worksheet Syllabus: Same as Weekly Test Syllabus

Hands On : Inter Disciplinary Project

1st Semester Examination

2nd SEMESTER

Unit - III September 30 to December 14 = 1 + 20 + 15 + 10 = 46
 Chapter - 5 Popular Struggles and Movements

Chapter - 6 Political Parties (Part-I)

W.T. Date : 30.11.2015

W.T. Syllabus - Popular Struggles and Movements

Unit - IV December 15 to March 4 = 10 + 14 + 21 + 4 = 49
 Chapter - 6 Political Parties (Part-II)

Chapter - 7 Outcomes of Democracy

Chapter - 8 Challenges to Democracy

W.T. Date : 25.01.2016

W.T. Syllabus : Political Parties

2nd Semester Examination

Subject : Geography**Class : X**

Text Book : Contemporary India - Part II, NCERT

1st SEMESTER

Unit - I April 6 to July 13 = 20 + 10 + 10 = 40
 Chapter - 1 Resources and Development
 Chapter - 2 Forest and Wildlife Resources
 W.T. Date : 11.5.2015
 W.T. Syllabus : Chapter 1 - Resources & Development (including Conservation of Resources)
 Hands On : First Aid- Disaster Management

Unit - II : July 14 to September 17 = 14 + 21 + 13 = 48
 Chapter - 3. Water Resources

Chapter - 4. Agriculture

W.T. Date : 17.8.2015

W.T. Syllabus : Chapter 2 - Forest and Wildlife Resources

1st Semester Examination**2nd SEMESTER**

Unit - III September 30 to December 14 = 1 + 20 + 15 + 10 = 46
 Chapter - 5 Minerals & Energy Resources
 Chapter - 6 Manufacturing Industries-till Sugar Industry
 W.T. Date : 30.11.2015
 W.T. Syllabus : Chapter 5 - Minerals & Energy Resources including Metalic Minerals(Pg.55)
 Hands On : Project Report on The Delhi Metro
Worksheet Syllabus : Same as Weekly Test Syllabus

Unit - IV December 15 to March 4 = 10 + 14 + 21 + 4 = 49

Chapter - 6 Manufacturing Industries- Contd.....

Chapter - 7 Lifelines of National Economy

W.T. Date : 25.01.2016

W.T. Syllabus : Chapter - 6 - Manufacturing Industries-till Sugar Industry

2nd Semester Examination

Subject : Economics**Class : X**

Prescribed Text book- Understanding Economic Development, NCERT

Semester I
Unit - I: April 6 to July 13 = $20 + 10 + 10 = 40$
 Development (Chapter -1)

- Introduction • Development in different countries • Development Problems

W.T. Date : 11.5.2015

W.T. Syllabus : What development promises- Different people, different goals, income and other goals, National development, How to compare different countries or states ?

Unit - II : July 14 to September 17 = $14 + 21 + 13 = 48$
 Sectors of the Indian Economy (Chapter 2)

- Introduction • Sectors of economic activities • How to count the various goods and services and know the total production in each sector ? • Rising importance of the tertiary sector in production. • Unemployment and types of Unemployment • Sectors of economic activities • How to create more employment ? • Organised and unorganised sectors • Sectors on the basis of ownership

W.T. Date : 17.8.2015

W.T. Syllabus : Introduction, Sectors of economic activities, How to count the various goods and services and know the total production in each sector ?,Rising importance of the tertiary sector in production.

1st Semester Examination**2nd Semester**

Unit - III: September 30 to December 14 = 1 + 20 + 15 + 10 = 46

Money and Credit (Chapter 3), Globalisation (Chapter-4)

- Introduction • Money as a medium of exchange • Modern forms of Money
- Loan activities of banks • Terms of credit • Formal sector credit in India
- Informal sector credit in India • Cooperatives
- Self help groups for the poor

Globalisation and the Indian Economy(Chapter-4)

- Introduction • Production Across Countries • Interlinking Production Across Countries

W.T. Date : 30.11.2015

W.T. Syllabus :Money and Credit : Money as a medium of exchange, Modern forms of Money,Loan activities of banks, Two different credit situations, Terms of credit,

Unit IV December 15 to March 4 = 10 + 14 + 21 +4 = 49

Globalisation (Chapter-4) , Consumer Rights(Chapter-5)

- Foreign Trade and Integration of markets • What is Globalisation? • Factors that have enabled Globalisation. • World Trade Organisation • Impact of Globalisation in India • The struggle for a fair Globalisation
- Consumer Rights(Chapter-5)

- The consumer in the market place • Consumer movement • Consumer Rights • Learning to become well informed Consumers • Taking the consumer movement forward.

W.T. Date : 25.1.2015

W.T Syllabus :Globalisation (Chapter-4)

Worksheet Syllabus : Same as Weekly Test Syllabus

Hands On : Inter Disciplinary Project
2nd Semester Examination

Subject : Computer Science**Class : X****1st SEMESTER**

Unit - I: April 6 to July 13 = $20 + 10 + 10 = 40$

Topics: HTML Basics

Introduction,HTML and its features, HTML Tags, HTML Tags Types, Tag Attributes, Some Important Tags- <BODY> tag, <H_n> - <H₁> to <H₆> tag,<P>.tag, <HR> tag and its attributes, Comments in HTML, <BASE FONT> Tag, Style Tags - , <I>, <U>, , <i>, <small>, <sub>, <sup>, Adding Images to web pages, changing the width and Height of the Image, visiting the Alt attribute, Putting a border around an image, unordered list , ordered list .

Unit - II : July 14 to September 17 = 14 + 21 + 13 = 48

Topics: Advanced HTML

Creating Tables in a webpage, <Table> Tag and its attributes, <tr>, <th> and <td> tags, understanding Rowspan and Colspan attributes, Adding Marquees to a web page. Hyperlinks - <A> tag with its attributes.

Social Impact of IT

Introduction, virus, Types of computer virus, worms, Trojan Horse., Antivirus software, Spyware, Malware, Spam, Data Backup tools, Hackers and Crackers, Firewall, Data Encryption, Benefits of ICT.

1st Semester Exam.....

Unit - III: September 30 to December 14 = 1 + 20 + 15 + 10 = 46

Topics: MS Access

Introduction, Database, DBMS, Advantages of Database, Types of Database, Tables - Creating a table, Modifying a table, Views - Datasheet view, Design view understanding forms - creating a form, Report - Report Wizard

Unit - IV December 15 to March 4 = 10 + 14 + 21 +4 = 49

Topics: Web Services

Introduction, Search Engine, Internet Chat, Email- Advantages of using E-Mail, Limitations of using E-mail, News group, Video Conferencing, E-Commerce, E-banking, E-shopping, E-reservation, E-learning, E-groups, Social Networking, Blogs.

2nd Semester Exam.....

Subject : FRENCH

Class : X

1st SEMESTER

Unit - I April 6 to July 13 = $20 + 10 + 10 = 40$

Leçon	: 1, 2
Grammaire	: Les Articles, Les Adjectifs démonstratif et possessifs, Futur Antérieur
Activité	: Faites le dépliant d'une fête français / Faites le dépliant d'un pays.
W.T. Date	: 05.05.2014
W.T. Syllabus	: 1,2
Worksheet Syllabus:	1,2

Unit - II : July 14 to September 17 = $14 + 21 + 13 = 48$

Leçon	: 3, 4, 5
Grammaire	: Pronoms personnels, les pronoms demonstratifs, pronoms possessifs.
Activité	: Faites un dépliant d'un produit, Parlez des activités d'une femme.
W.T. Date	: 04.08.2014
W.T. Syllabus	: 3,4,5
Worksheet Syllabus:	3,4,5

Ist Semester examination :

2nd SEMESTER

Unit - III September 30 to December 14 = $1 + 20 + 15 + 10 = 46$

Leçon	: 6,7
Grammaire	: les pronoms relatifs, plus que parfait
Activité	: les problèmes de la classe, de la famille, de la ville.
W.T. Date	: 17.11.2014
W.T. Syllabus	: 6,7
Worksheet Syllabus:	6,7

Ist Semester Examination

Unit - IV December 15 to March 4 = $10 + 14 + 21 + 4 = 49$

Leçon	: 8,9,10
Grammaire	: Conditionnel, Discour Rapporté, Subjonctif
Activité	: Présentation de la system politique d'Inde.
W.T. Date	: 22.12.2014
W.T. Syllabus	: 8,9,10
Worksheet Syllabus:	8,9,10

2nd Semester Examination.

विषय : हिन्दी

निर्धारित पाठ्य पुस्तक - (पाठ्यक्रम - 'ब')

स्पर्श - भाग 2

संचयन - भाग 2

व्याकरण अयन

प्रथम सत्र

इकाई 1 अप्रैल 6 से जुलाई 13 ($20+10+10$) = 40 कार्य दिवस।

स्पर्श बड़े भाई साहब, डायरी का पन्ना, कबीर (साखी), मीरा के पद

संचयन हरिहर काका

व्याकरण शब्द व पद में अंतर, मुहावरे व अशुद्धि शोधन का वाक्य प्रयोग (पाठ्य पुस्तक के आधार पर)

अपठित गद्यांश, अपठित पद्यांश, पत्र, अनुच्छेद, संवाद लेखन, सूचना लेखन।

साप्ताहिक परीक्षा तिथि - 5.5.2015

साप्ताहिक परीक्षा - शब्द, पद, मुहावरे, बड़े भाई साहब, पत्र, अपठित पद्यांश।

मौखिक परीक्षा - कबीर के चार दोहों का वाचन

श्रवण कौशल

इकाई 2 जुलाई 14 से सितम्बर 17 ($14+21+13$) = 48 कार्य दिवस।

स्पर्श तत्ताँरा वामीरो कथा, तीसरी कसम के शिल्पकार - शैलेन्द्र

संचयन पर्वत प्रदेश में पावस, तोप

व्याकरण मिथ्र और संयुक्त वाक्य : वाक्यों का रूपांतरण, तत्पुरुष व कर्मधारय समास, मुहावरे का वाक्य प्रयोग (पाठ्य पुस्तक के आधार पर), पत्र लेखन, अनुच्छेद लेखन, चित्र वर्णन, विज्ञापन लेखन,

साप्ताहिक परीक्षा तिथि - 10.8.2015

साप्ताहिक परीक्षा - मीरा, डायरी का पन्ना,

तत्पुरुष व कर्मधारय समास, अनुच्छेद लेखन, संवाद लेखन, सूचना लेखन।

मौखिक परीक्षा - प्रकृति संबंधी कविता पढ़कर सुनाना

परियोजना कार्य - 'जल' से संबंधित कविताओं का संकलन

प्रथम सत्रीय परीक्षा

कक्षा : X

द्वितीय सत्र

इकाई 3 सितंबर 30 से दिसंबर 14 ($1+20+15+10 = 46$ कार्य दिवस)।
स्पर्श गिरणि, अब कहाँ दूसरों के दुख में दुखी होने वाले, बिहारी के दोहे, मनुष्यता, मधुर-मधुर मेरे दीपक जल।

संचयन सपनों के से दिन

व्याकरण रचना के आधार पर वाक्य रूपांतर, समास-तत्पुरुष, कर्मधार्य, मुहावरे का वाक्य प्रयोग (पाठ्य पुस्तक के आधार पर) अनुच्छेद लेखन, चित्र लेखन।

साप्ताहिक परीक्षा तिथि - 23.11.2015

साप्ताहिक परीक्षा - मनुष्यता, अब कहाँ दूसरों के दुख में दुखी होने वाले, मुहावरे, अपठित गद्यांश, चित्र वर्णन, अशुद्ध वाक्य शोधन, पत्र
मौखिक परीक्षा - बिहारी के तीन दोहों का वाचन।
परियोजना कार्य - छायावादी युग के किसी कवि की रचनाओं का सुन्दर शैली में लेखन।

इकाई-4 दिसम्बर 15 से मार्च 4 ($10+14+21+4 = 49$ कार्य दिवस)।
स्पर्श पतझड़ में दूटी पत्तियाँ, कारतूस, कर चले हम फिदा, आत्मत्राण
संचयन टोपी शुक्ला

व्याकरण पत्र लेखन, मुहावरे का वाक्य प्रयोग (पाठ्य पुस्तक के अधार पर) अशुद्ध वाक्यों का शोधन, अनुच्छेद लेखन, संवाद लेखन, विज्ञापन लेखन,

साप्ताहिक परीक्षा तिथि - 18.01.2015

साप्ताहिक परीक्षा - पतझड़ में दूटी पत्तियाँ, कारतूस, कर चले हम फिदा, सपनों के से दिन, अनुच्छेद, संवाद लेखन, विज्ञापन लेखन,
मौखिक परीक्षा - कहानी पठन
परियोजना कार्य - श्रवण कौशल

द्वितीय सत्रीय परीक्षा

विषय : संस्कृत

निर्धारित पाठ्य पुस्तक -

मणिका - भाग 2

मणिका अभ्यास पुस्तिका - भाग-2

इकाई 1 अप्रैल 6 से जुलाई 13 ($20+10+10 = 40$ कार्य दिवस)।

संस्कृत मणिका - भाग 2 - पाठ 1 से 3

वाङ्मयं तपः, आज्ञा गुरुणां हृयविचारणीया, किं किं उपादेयम्। अन्वय, एक पद में उत्तर, एक वाक्य में उत्तर, प्रश्ननिर्माण, पद मेलन, भाव विस्तार।

संस्कृत मणिका अभ्यास पुस्तिका - भाग 2 - स्वर सन्धि (दीर्घ, गुण वृद्धि), तत्पुरुष समास (उपपद, नज्, द्विगु) प्रत्यय-कृदन्त (तत्त्व, अनीय्)

पाठ्यसहगामी क्रिया - अर्थसहितम् द्वयोः श्लोकयोः उच्चारणम्।
मौखिक परीक्षा - दृश्य - श्रवण - परीक्षा। (व्याकरण)

साप्ताहिक परीक्षा पाठ्यक्रम - पाठः 1, स्वर सन्धि, समास-तत्पुरुष, उपपद, अपठित गद्यांश, अपठित श्लोक, पत्र, चित्र।
कार्यपत्रम् पाठ्यक्रम - स्वर सन्धि, समास।

साप्ताहिक परीक्षा : 05.05.2015

जुलाई 14 से सितम्बर 18 ($14+21+13 = 46$ कार्य दिवस)।

संस्कृत मणिका - भाग 2 - पाठ 4 - 5, नास्ति त्यागसमं सुखम्, अभ्यासवशंगं मनः, एकेन पदेन उत्तरं दीयताम्, प्रश्ननिर्माणम्, केन कम् प्रति उक्तानि, उचित भावस्य सम्मेलनम्, समास - विग्रह, अव्यय।

संस्कृत मणिका अभ्यास पुस्तिका - भाग 2 - व्यञ्जन, विसर्ग सन्धि, कृदन्त प्रत्यय, अव्यय, वाच्यम्, तद्वित (मतुप्, इन्, ठक्) व्यञ्जन (परस्वर्ण, छत्व, तुकागम), विसर्ग (उत्व, रत्वम्), कर्मधारय समास पाठ्यसहगामी क्रिया - ग्रीष्मावकाश-कार्यम्

मौखिक परीक्षा - समास विग्रह: (पाठ 1-5)

साप्ताहिक परीक्षा पाठ्यक्रम - पाठः 4, 5 व्यञ्जन संधि, समास - विभक्ति तत्पुरुष, नज, तत्पुरुष, तद्वित प्रत्यय।

कार्यपत्रम् पाठ्यक्रम - व्यञ्जन संधि, तद्वित प्रत्यय।

साप्ताहिक परीक्षा : 10.08.2015

प्रथम सत्रीय परीक्षा - पाठ 1-5, व्याकरण सम्पूर्ण

द्वितीय सत्र

कक्षा : X

इकाई 3

सितंबर 30 से दिसम्बर 14 ($1+20+15$) = 46 कार्य दिवस।
 संस्कृत मणिका - भाग 2 - पाठ 6 से 8
 साधुवृत्ति समाचरेत, रमणीया हि सृष्टिरेषा, तिरुक्कुरुल - सूक्ति-
 सौरभम्, रिक्तस्थानपूर्ति, क्रमनिर्धारणम्, अव्यय, एकेन पदेन उत्तरत,
 समाप्त, अनुच्छेद।
 संस्कृत मणिका अभ्यास पुस्तिका - भाग 2 - वाक्येषु (1-5) संख्या
 (1-100), तद्वित प्रत्यय (त्व, तल्), अव्यीभाव समाप्त, अव्यय, स्वर
 सन्धि (यण्, अयादि, पूर्वस्त्वप्तम्) विसर्ग सन्धि (विसर्गस्य स्थाने स्, श्,
 ष्, विसर्ग लोप)

पाठ्यसहगामी क्रिया - कथायाः मंचनम्
 मौखिक परीक्षा - (पाठ सम्बन्धी सन्धिः)

साप्ताहिक परीक्षा पाठ्यक्रम - पाठ 6, 7, विसर्ग सन्धि, तद्वित प्रत्ययः,
 अव्यीभाव समाप्त।

कार्यपत्रम् पाठ्यक्रम - विसर्ग सन्धि, तद्वित प्रत्ययः, अव्यीभाव समाप्त
 साप्ताहिक परीक्षा : 23.11.2015

दिसम्बर 15 से मार्च 4 ($10+14+21+4$) = 49 कार्य दिवस।
 संस्कृत मणिका - भाग 2 - पाठ 9, 10, 11

राष्ट्र संरक्षणम् एव, सुस्वागतं भो! अरुणाचलेऽस्मिन्, कालोऽहम्।
 संस्कृत मणिका अभ्यास पुस्तिका - भाग 2 - बहुवीहि, द्वन्द्व समाप्त,
 वाक्य संशोधन, कृदन्त (शत् शान्त्व्) स्त्री (टाप्, झीप्), व्यञ्जन
 (मोऽनुस्वार, प्रथम वर्णस्य तृतीय वर्णं परिवर्तनम्, प्रथमवर्णस्य पञ्चम
 वर्णं परिवर्तनम्)

पाठ्यसहगामी क्रिया - संस्कृत समाचारपत्रम् (समूह)
 मौखिक परीक्षा - दृश्य - श्वरण - परीक्षा (प्रत्यक्ष)
 साप्ताहिक परीक्षा पाठ्यक्रम - पाठ - 9, 10, द्वन्द्व समाप्त, स्त्री प्रत्यय,
 व्यञ्जन सन्धि।

कार्यपत्रम् पाठ्यक्रम - द्वन्द्व समाप्त, स्त्री प्रत्यय, व्यञ्जन सन्धि।
 साप्ताहिक परीक्षा : 18.1.2016

द्वितीय स्त्रीय परीक्षा - पाठः 6-1, व्याकरण सम्पूर्ण

Subject : Art

Class : X

1st Semester

Unit - I : April 6 to July 13 = $20 + 10 + 10 = 40$
 Composition with human figures (drawing and painting)

Miniature Painting

Unit - II : July 14 to September 17 = $14 + 21 + 13 = 48$

Design work (Drawing and Painting)

(i) Textile Designing

(ii) Composition with human figures

2nd Semester

Unit - III September 30 to December 14 = $1 + 20 + 15 + 10 = 46$

a. Outdoor landscape

b. Folk Art (Rangoli, Alpana)

c. Human figure study

Unit - IV December 15 to March 4 = $10 + 14 + 21 + 4 = 49$

Composition - (Suraj Kund Mela)

Subject : Dance

Class : X

1st Semester

Unit - I : April 6 to July 13 = $20 + 10 + 10 = 40$

- a. Origin of dance- A historical glimpse through the ancient text of "Natyashastra"+Abhinaya Darpan
- b. Teen Taal : Kathak dance technique, Level 2 Pure dance :Uthaan, Thaat, Aamad, Paran, Footwork'
- c. Invocation -Krishnashtakam+Ganesh Stuti

Unit - II : July 14 to September 17 = $14 + 21 + 13 = 48$

- a. Contemporary dance technique- Recapitulation of level 1-4
- b. Indian Contemporary : Theory + Choreography
- c. Russian Ballet : Theory +Choreography(Swan lake of Bolshoi Theatre)

2nd Semester

Unit - III September 30 to December 14 = $1 + 20 + 15 + 10 = 46$

- a. Contemporary dance technique- level 5,6,7
- b. Choreographies - Indian 2, Western 2
- c. Theory on Contemporary dance Level 2

Unit - IV December 15 to March 4 = $10 + 14 + 21 + 4 = 49$

- a. Jazz technique- level 2,3
- Choreography in lyrical jazz
- b. Ballet(Western) dance technique- level 2

Subject: Physical Education and Sports Class X

1st SEMESTER

Unit - I April 6 to July 13 = $20 + 10 + 10 = 40$

Exercise and Basics of physical activity PEC - 1 to 6

Topic : Basketball:-

Knowledge of equipments, 1 skill Equipment

Unit - II July 14 to September 17 = $14 + 21 + 13 = 46$

Topic : Basketball:-

Important tournaments and venues,International- World championship, Asian championship,National – Federation cup, National Championship,# 1 Skill – Behind the back dribble,# Current State Players.

Fitness :-Agility,Shuttle run

2nd SEMESTER

Unit- III September 30 to December 14 = $01 + 20 + 15 + 10 = 46$

Topic : Cricket

Important tournaments and venues,International- World cup, Asia cup,National – Ranji Trophy, Duleep Trophy,# 1 Skill – Fielding (Defensive, Offensive),# Current State Players,

Fitness :- Explosive strength,Long jump

Unit - IV December 15 to March 4 = $10 + 14 + 21 + 4 = 49$

Topic : Athletics

Important tournaments and venues,International- World championship, Asian championship,National – National School Games, National Championship,# 1 Skill – Long jump (Basic action, approach run),# Current State Players.

Fitness :-Speed, 100 mts

Note : First two weeks theory, third & fourth week skills, fifth & sixth week competition and seventh & eighth week evaluation.

Subject : Music**Class : X****1st Semester****Unit - I April 6 to July 13 = 20 + 10 + 10 = 40**

1. Basic knowledge of the structure of Taanpura
2. परिभाषाएँ - गमक, घावी, संवारी, ताल, ताली, सम, खाली।
3. National Song/National Anthem
4. राग - काफी/देस
5. देश भक्ति गीत
6. वृन्द - गान
7. Knowledge of National system laid down by Pt. V.N. Bhatkhande
8. Song मधुबन में राधिका नाची रे

Unit - II July 14 to September 17 = 14 + 21 + 13 = 48

1. स्वर - समूह
2. अलंकार की साधना
3. राग - यमन/खमाज
4. देश भक्ति गीत
5. राग किसे कहते हैं ?
6. आरोह - अवरोह - पकड़ की परिभाषा

2nd Semester**Unit - III September 30 to December 14 = 1 + 20 + 15 + 10 = 46**

1. One tagore Song
2. सुफी गीत - हो लाल मेरी पत रखियो - - - - -
3. देश भक्ति गीत - ये दुनियाँ जान ले - - - - -
4. लोकगीत - बगिया में हरी - हरी - - - - -
5. ताल - तीनताल , कहरवा ताल

Unit - IV December 15 to March 4 = 10 + 14 + 21 + 4 = 49

1. Brief description of Natyashastra
2. हिन्द के जाँबाज तु - - - - -
3. राग भैरव/भूपाली
4. लोकगीत
5. देशभक्ति गीत
6. ताल-दादरा, झपताल

Subject : Tabla**Class : X****1st Semester**

Unit - I April 6 to July 13 = 20 + 10 + 10 = 40
 Practical – Lesson-1 in Teentaal, Mukda, Paran, Swatantra Rela, Tihai recognize taal with song.

Theory – Taal – Jhumra, Neelkanth, Ek taal, Dhumali, Jeevani – Anaokhe Lal Ji, Taal Leep, Bad, Tabla uttpatti, Taali

Unit - II : July 14 to September 17 = 14 + 21 + 13 = 48
 Practical – Lesson-2 in Teentall Aadi laye, Mukhra, Mohra, Faramaishi Chakardaar Param, Bedam Damdar Tihai
 Theory – Taal – Qawali, Brahma Taal, Matt Taal, Dhamar, Jeevani, Definition:- Taal, Laye, Matara, Sam, Khali, Taali, Theka, Notation System:- Pt. Bhatkhande, Pt. Pulaskar, Taali

2nd Semester

Unit - III September 30 to December 14 = 1 + 20 + 15 + 10 = 46
 Practical – Lesson-3 in Ek Taal, Paran, Tukda, Rela, Tunning of Tabla

Theory – Taal – Addha Taal, Jat Taal, Teental, Jeevani History of Gharana – Delhi, Ajrada, Purab, Punjab, Taali

Unit - IV December 15 to March 4 = 10 + 14 + 21 + 4 = 49
 Practical – Lesson – 4 in Jhaptaal Aadi laye, Mohra, Tihai, Peshkara, Solo performance – 5 minute Theroy – Taal – Dhamar, Deepchandi, Chaartaal, Jeevani Types – Teentaal, Kehrwa, Dadra, Taali

Subject : Lifeskills**Class : X****1st Semester**

Unit - I April 6 to July 13 = 20 + 10 + 10 = 40
 Orientation

Unit - II : July 14 to September 17 = 14 + 21 + 13 = 48
 Exploring Lifeskills

2nd Semester

Unit - III September 30 to December 14 = 1 + 20 + 15 + 10 = 46
 Internalising Lifeskills

Unit - IV December 15 to March 4 = 10 + 14 + 21 + 4 = 49
 Assessment

1st Semester

Unit - I April 6 to July 13 = 20 + 10 + 10 = 40

1. Introduction of Musical notes and scale
2. Guitar = introduction of chord structure
3. Drums = basic rhythm pattern

Unit - II : July 14 to September 17 = 14 + 21 + 13 = 48

1. Musical notes and scale
2. Guitar = scales and arpeggio
3. Drums = Rhythm pattern (2/4, 7/7 beats)
4. Choir (safe song for the nature)

2nd Semester

Unit - III September 30 to December 14 = 1 + 20 + 15 + 10 = 46

1. Scale and Notes exercise
2. Guitar = Chord structure
3. Drums = Rhythm pattern (beats of 4/4, 3/4, 6/8)
4. Choir (we are one song of unity)

Unit - IV December 15 to March 4 = 10 + 14 + 21 + 4 = 49

1. Scales and arpeggio exercise.
2. Guitar = Chord progression (mixed)
3. Drums = Rhythm pattern (Chord progression)
4. Choir and christmas songs.