

SYLLABUS FOR THE SESSION 2011-2012

CLASS :X

ENGLISH

- Text Books :**
1. Interact in English : Literature Reader
 2. Interact in English : Main Course Book
 3. Interact in English : Workbook

Unit Test I

- Literature Reader : Chapter 1 : Two Gentlemen of Verona
Poem 1 : The Frog and the Nightingale
- Main Course Book : Unit 1 : Health and Medicine
- Grammar : Reported speech, editing and omission .
- Writing skills : Bio- sketch

Summative Assessment I

- Literature Reader : Chapter 1 : Two Gentlemen of Verona
Chapter 2 : Mrs. Packletide's Tiger
Chapter 3 : The Letter
Poem 1 : The Frog And The Nightingale
Poem 2 : Mirror
Poem 3 : Not Marble, Nor The Gilded Monuments
Play 1 : The Dear Departed
- Main Course Book : Unit 1 , 2 , 3
- Grammar : Integrated Grammar exercises
- Writing skills : Bio- sketch , Data Interpretation, E-mail, Letter, Speech, Article and Diary Entry.

Unit Test II

- Literature Reader : Chapter 4 : A Shady Plot
Poem 4 : Ozymandias
- Main Course Book : Unit 4 : Environment
- Grammar : Integrated Grammar Exercises .
- Writing skills : Dialogue Completion, E-mail.

Summative Assessment II

- Literature Reader : Chapter 4 : A Shady Plot
Chapter 5 : Patol Babu, Film Star
Chapter 6 : Virtually True
Poem 4 : Ozymandias
Poem 5 : The Rime of the Ancient Mariner
Poem 6 : Snake
Play 2 : Julius Caesar
- Main Course Book : Unit 3 , 4 , 5
- Grammar : Integrated Grammar exercises
- Writing skills : Bio- sketch , Data Interpretation, E-mail, Diary entry, Letter, Speech, Article , Dialogue Writing , Story Composition.

MATHEMATICS

Text Book : Mathematics Textbook for Class X - NCERT

Unit Test I : 1. Number System (Real Numbers)
2. Algebra :
Polynomials, Pair of Linear Equations in two variables.

Summative Assessment 1

1. Number System (Real Numbers)
2. Polynomials
3. Pair of Linear Equations in two variables
4. Triangles
5. Introduction to Trigonometry , Trigonometric identities
6. Statistics

Lab Manual

- Activity 1 : Zeroes of Cubic polynomial.
Activity 2 : System of Linear equations (graphically)
Activity 3 : Triangles (Pythagoras theorem)
Activity 4 : Triangles (Basic Proportionality theorem)
Activity 5 : Triangles (Ratio of Areas of similar triangles)
Activity 6 : Trigonometry (identity)

Unit Test II

1. Quadratic Equations
2. Arithmetic Progressions
3. Coordinate Geometry
4. Probability

Summative Assessment 2

1. Quadratic Equation
2. Arithmetic Progressions
3. Coordinate Geometry
4. Probability
5. Circles
6. Constructions
7. Mensuration
(Area related to circles, Surface Area and Volume)
8. Trigonometry (Heights and Distances)

Lab Manual

- Activity 7 : Arithmetic Progression (To verify that the given sequence is an AP)
Activity 8 : Circles (tangents drawn from external point)
Activity 9 : To compare the volumes of two right circular cylinders.
Activity 10 : To find the formula for the lateral surface area of a cone.
Activity 11 : To illustrate that the medians of a

- triangle concur at a point.
- Activity 12 : To get familiar with the idea of probability of an event.
- Activity 13 : Arithmetic Progression (To derive the formula for the sum of first natural numbers).

SCIENCE

Text Book : Science Text book for Class X - NCERT

Unit Test I : **Chapters 1,12,6**

Summative Assessment 1 : **Chapters 1,2,3,6,7,12,13,14**

Unit Test II : **Chapters 5,10,8**

Summative Assessment 2 : **Chapters 4,5,8,9,10,11,15,16**

Note : Related lab activities will be done in the class in each term.

SOCIAL SCIENCE

Text Books :-

1. India and the Contemporary World II
2. India – Land and People
3. Democratic Politics II
4. Understanding Economic Development

Unit Test I

History : Chapter 6

Geography : Chapter 1

Political Science : Chapter 1

Economics : Chapter 1

Summative Assessment 1

History : Chapter 6 and 7

Geography : Chapter 1, 2, 3 and 4

Political Science : Chapter 1, 2, 3 and 4

Economics : Chapter 1 and 2

Unit Test II

History : Chapter 1

Geography : Chapter 5

Political Science : Chapter 5

Economics : Chapter 3

Summative Assessment 2

History : Chapter 1 and 3

Geography : Chapter 5, 6 and 7
Political Science : Chapter 5, 6, 7 and 8
Economics : Chapter 3, 4 and 5

Note : Related maps in History and Geography will be discussed in class.

ENVIRONMENTAL EDUCATION

Text Book :- Souvenir's Environmental Education (10)

The course for students of class X has been designed with very less focus on theoretical concepts. The focus is therefore more on environment actionability. The students will be taught on how they can use several mediums and combine it with the knowledge of environmental science to convey the message of environment preservation to people at large.

Summative Assessment 1

1. Workshop sessions on :
 - a) Global Warming and Climate Actionability – Issues of environment.
 - b) Water Pollution.
 - c) Air Pollution.

2. Workshop sessions on :
 - a) Theatre - Striving for a better tomorrow.
 - b) Print and TV advertising – Restoring balance in ecosystem.
 - c) Waste Paper Utilization.

Project idea :

In the first phase of the project, the students would be encourage to pick up one of the various mediums and prepare a report on their topic and a concept note on how they will use the medium to showcase the environmental issue.

Summative Assessment 2

Students would be working on their project ideas and they would be showcased in the form of a festival which would involve following events

1. Theatre performance
2. Short films / documentaries
3. Demonstration / Selling of products made from waste paper

The funds generated through the above festival will be donated to NGOs working for child education.

Note : No formal written examination will be held in Environmental Education. It will be evaluated on the basis of the project work.

There will be two Formative Assessments in each term which will include projects / quizzes / assignments / powerpoint presentations / classwork / homework etc.

(Class X)

HINDI (COURSE B)

निर्धारित पुस्तकें :-

1. स्पर्श - भाग-2 (पाठ्य पुस्तक)
2. संचयन - भाग-2 (पूरक पुस्तक)
3. व्यावहारिक व्याकरण

Unit Test I

- स्पर्श : बड़े भाई साहब, डायरी का एक पन्ना, कबीर ।
संचयन : हरिहर काका
व्याकरण : शब्द, पद, पदबंध, पदपरिचय, मुहावरे व लोकोक्तियों का प्रयोग।

Summative Assessment 1

- स्पर्श : बड़े भाई साहब, डायरी का एक पन्ना, ततौरा वामीरो कथा, तीसरी कसम के शिल्पकार, कबीर (साखी), मीरा के पद, पर्वत प्रदेश में पावस, तोप
संचयन : हरिहर काका
व्याकरण : शब्द, पद, पदबंध, पदपरिचय, मिश्र व संयुक्त वाक्यों का रूपांतरण, स्वर संधि, तत्पुरुष व कर्मधारय समास, मुहावरे व लोकोक्तियाँ, पत्र लेखन, अनुच्छेद लेखन, अपठित गद्यांश, अपठित काव्यांश ।

Unit Test II

- स्पर्श : गिरगिट, अब कहाँ दूसरों के दुख से दुखी होने वाले, बिहारी के दोहे, मनुष्यता, मधुर-मधुर मेरे दीपक जल ।
संचयन : सपनों-के-से दिन
व्याकरण : पत्र लेखन, वाक्य रूपांतरण, पदबंध, तत्पुरुष व कर्मधारय समास, मुहावरों व लोकोक्तियों का प्रयोग ।

Summative Assessment 2

- स्पर्श : गिरगिट, अब कहाँ दूसरों के दुख से दुखी होने वाले, पतझड़ में टूटी

- पत्तियाँ, कारतूस, बिहारी के दोहे, मनुष्यता, मधुर-मधुर मेरे दीपक जल,
कर चले हम फिदा, आत्मत्राण ।
संचयन : सपनों-के-से दिन, टोपी शुक्ला,

व्याकरण : पदबंध, पदपरिचय, मिश्र व संयुक्त वाक्य, स्वर संधि, तत्पुरुष व कर्मधारय समास, मुहावरों व लोकोक्तियों का वाक्य प्रयोग, अशुद्ध वाक्यों का शोधन, पत्र लेखन, अनुच्छेद लेखन, अपठित गद्यांश, अपठित काव्यांश ।

SANSKRIT

निर्धारित पाठ्य पुस्तकें :-

पाठ्यपुस्तक - मणिका भाग 2

मणिका अभ्यास पुस्तिका भाग 2

Unit Test 1

मणिका : पाठ 1, 2

अभ्यास पुस्तिका : स्वर सन्धि - अयादि, अव्यय शब्द, तव्यत् व अनीयर् प्रत्यय।

Summative Assessment 1

मणिका : पाठ 1-5

अभ्यास पुस्तिका : तत्पुरुष व द्विगु समास, कर्मधारय समास ।
प्रत्यय-तव्यत्, अनीयर्, मतुप्, इन्, ठक्। संधि-व्यञ्जन सन्धि,
स्वरसन्धि, विसर्ग सन्धि। अव्यय शब्द, घटिका दर्शन,
वाच्यपरिवर्तन, अपठित गद्यांश, चित्रवर्णन/अनुच्छेद, पत्र ।

Unit Test II

मणिका : पाठ 6, 7

अभ्यास पुस्तिका : समास - अव्ययी भाव ।
प्रत्यय- शतृ, शानच्, , त्व, तल्, ।

Summative Assessment 2

मणिका : पाठ 6-11

अभ्यास पुस्तिका : बहुब्रीहि व अव्ययी भाव, द्वन्द्व समास ।
प्रत्यय - टाप्, डीप्, शतृ, शानच्, त्व, तल्
सन्धि- स्वर, व्यञ्जन, विसर्ग ।

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अव्यय शब्द, वाक्य शुद्धि, संख्या1-4 तीनों लिंगों में व 1-100

अपठित गद्यांश, चित्रवर्णन / अनुच्छेद, पत्र ।