

# ARWACHIN BHARTI BHAWAN SR.SEC.SCHOOL

## SYLLABUS (CLASS-X)

### SESSION-2018-19

#### SUBJECT-ENGLISH

#### MARCH

FICTION	Ch-1 & Ch-2
WRITING SKILLS	Letter to the editor

#### APRIL

POEM	1, 2, & 3
GRAMMAR	Revision (Speech & Voice)
M.C.B	Unit 1

#### MAY

FICTION	Ch-3
DRAMA	Ch-1
NOVEL	Chapters 1-7
GRAMMAR	Revision (Omission/ Editing, Gap-filling)

#### UNIT TEST 1

#### JUNE

HOLIDAY HOMEWORK	
NOVEL	Chapters 8-15 (Character sketch and description of significant events)

#### JULY

FICTION	Ch-4 & Ch- 5
Speaking Activity	QUIZ/ JAM

#### AUGUST

POEM	4 & 5
WRITING SKILLS	Enquiry Letter, Story Writing
M.C.B	Unit 2,3,4

#### SEPTEMBER

FICTION	Ch-6
---------	------

#### TERM 1 EXAM

#### OCTOBER

DRAMA	Ch-2
M.C.B	Unit 5 & 6

## UNIT TEST 2

### NOVEMBER

NOVEL Chapters 16- 23  
WRITING SKILLS Letter (Placing Order, Complaint)

### DECEMBER

REVISION

### TERM 2 EXAM

### JANUARY

REVISION

### PRE BOARD

### FEBRUARY

REVISION

## **SUBJECT-HINDI**

### अप्रैल- मई

स्पर्श (गद्य) पाठ-1, बड़े भाई साहब,  
पाठ-2, डायरी का एक पन्ना  
(पद्य) पाठ-1 साखी (कबीर),  
पाठ-2, पद (मीरा)  
संचयन पाठ-1, हरिहर काका  
व्याकरण शब्द-पद, समास, मुहावरे, अशुद्धि शोधन, अनुच्छेद, पत्र, संवाद

## UNIT TEST 1

### जुलाई

स्पर्श (गद्य) पाठ-3, ततार्रा- वामीरो कथा , पाठ-4, तीसरी कसम के  
शिल्पकार शैलेन्द्र  
(पद्य) पाठ-3 दोहे(बिहारी),  
पाठ-4, मनुष्यता  
संचयन पाठ-1, हरिहर काका  
व्याकरण अशुद्धि शोधन, अनुच्छेद, पत्र, संवाद, विज्ञापन

### अगस्त-सितम्बर

स्पर्श (गद्य) पाठ-5, गिरगिट,  
पाठ-6, अब कहाँ दूसरो के दुःख से दुखी होने वाले।  
(पद्य) पाठ-5, पर्वत प्रदेश में पावस,  
पाठ-6, मधुर मधुर मेरे दीपक जल,  
पाठ-7, तोप  
संचयन पाठ-2, सपनों के से दिन  
व्याकरण अशुद्धि शोधन, अनुच्छेद, पत्र, सूचना लेखन, समास।

## I TERMINAL

### अक्टूबर- नवंबर

स्पर्श	(गद्य) पाठ-7, पतझर में टूटी पत्तियां, पाठ-8, कारतूस। (पद्य) पाठ-8, कर चले हम फ़िदा, पाठ- 9, आत्मत्राण
संचयन व्याकरण	पाठ-3, टोपी शुक्ला शब्द-पद, अशुद्धि शोधन, अनुच्छेद, पत्र, सूचना लेखन, समास, विज्ञापन।

## UNIT TEST 2

### दिसंबर

स्पर्श-	गद्य) पुनरावृत्ति। (पद्य) पुनरावृत्ति।
संचयन- व्याकरण-	पुनरावृत्ति। शब्द-पद, अशुद्धि शोधन, अनुच्छेद, पत्र, सूचना लेखन, समास, संवाद-लेखन, विज्ञापन।

## II TERMINAL

### जनवरी-फरवरी

पुनरावृत्ति

## PREBOARD

## **SUBJECT-MATHS**

### APRIL-MAY

Ch-1	Real Numbers
Ch-2	Polynomials
Ch-6	Triangles (Activity)
Ch-7	Co-Ordinat Geometry
Ch-8	Trigonometry
Ch-14	Statistics

## 1ST PERIODIC TEST

### JULY- AUGUST

Ch-14	Statistics (Cont..) (Activity)
Ch-3	Linear Equations (in Two Variables)
Ch-10	Circles

Ch-15 Probability (*Activity*)

**1 TERMINAL**

**SEPTEMBER- OCTOBER**

Ch-11 Construction (*Activity*)  
Ch-4 Quadrilateral Equations  
Ch-9 Application of Trigonometry (*Activity*)  
Ch-5 Arithmetic Progression

**2ND PERIODIC TEST**

**NOVEMBER- DECEMBER**

Ch-5 Arithmetic Progression (Cont....)  
Ch-12 Area Related to Circles  
Ch-13 Surface Area & Volumes (*Activity*)

**II TERMINAL**

**JANUARY- MARCH**

Revision for Final Exams

**PREBOARD**

**SUBJECT - SCIENCE**

**MONTH**

**CHAPTER/EXAM**

**EXPERIMENTS**

**APRIL**

**Chapter-1 :**  
Chemical Reactions  
**Chapter-2 :**  
Acids , Bases and  
Salts  
**Chapter-12:**  
Sources of Energy

**Expt1**- Performing and observing following reactions and classifying them into:  
(a)Combination reaction (b) Decomposition reaction  
(c)Displacement Reaction (d) Double Displacement Reaction  
**Expt2**-Find the pH of the following samples by Using pH paper / universal indicator  
(a)Dilute HCl  
(b) Dilute NaOH Solution  
(c) Dilute Ethanoic acid  
(d) Lemon Juice  
(e) Water  
(f) Dilute Sodium Bicarbonate solution

**MAY**

**Chapter-3 :**  
Metals and Non-

**Expt3**- Observing the action of Zn, Fe, Cu, Al metalson following salt solution:

Metals  
**Chapter- 6:**  
Life Processes

(a) Zinc sulphate (aq)  
(b) Ferrous sulphate (aq)  
(c) Copper sulphate (aq)  
(d) Aluminium Sulphate (aq) , Arranging these metals in decreasing order of reactivity based on above result

**Expt6:-** Preparing a temporary mount of a leaf peel to show stomata

**Expt7:-** TO show that  $CO_2$  is given out during respiration

### UNIT TEST 1

**Chapter-7:**  
Control and  
Coordination

. **Expt4:-** Studying the dependence of potential difference (V) across a resistor on the current (I) passing through it and determine its resistance .Also plot a graph between Vand I.

**Chapter-15:**  
Our Environment

**Expt5:-** Determination of the equivalent resistance of two resistors when connected in series and parallel.

**Chapter- 12:**  
Electricity

### JULY

### AUGUST

**Chapter-13:**  
Magnetic Effects of  
Current

**Chapter-16:**  
Management of  
Natural Resources

### SEPTEMBER

### IST TERM EXAM

## OCTOBER

### **Chapter-4:**

Carbon & Its  
Compounds

### **Chapter-5:**

Periodic Classification  
of Elements

### **Chapter-8:**

How Do Organisms  
Reproduce

**Expt8:-**To study following properties of Acetic acid (i) odour , (ii) Effect on litmus, (iii) Solubility in water, (iv) reaction with  $\text{NaHCO}_3$

**Expt9:-** Study of the comparative cleaning capacity of a sample of soap in soft and hard water.

**Expt15:-** Identification of the different parts of an embryo of a dicot Seed (pea , gram , or red kidney bean)

**Expt12:-** Studing (i) Binary fission in Amoeba and (ii) Budding in yeast , with the help of prepared slides.

## 2<sup>ND</sup> UNIT TEST

## NOVEMBER

### **Chapter-9:**

Heredity & Evolution

### **Chapter-10:**

Light-Reflection  
& Refraction

### **Chapter-11:**

Human Eye &  
Colourful world

**Expt10:-** Determination of focal length of (i) concave mirror , (ii) convex lens ,by obtaining image of a distant object.

**Expt11:-** Tracing the path of a ray light passing through a rectangular glass slab for different angles of incidence , angle of refraction, angle of emergence and interpret the result.

**Expt13:-** Tracing the path of the rays of light through a glass prism.

**Expt14:-** Finding the image distance for varying object distance in a case of a convex lens and drawing corresponding ray diagrams to show the nature of image formed.

## DECEMBER

## SECOND TERMINAL EXAMINATION

## JANUARY

## PRE BOARD EXAMINATION

## FEBRUARY

## RE-PRE BOARD EXAMINATION

## **SUBJECT - SOCIAL STUDIES**

## APRIL

History  
Indo-China  
Geography

Chap. 2: Nationalist Movement in  
Chap. 1- Resources and developments

MAY  
Civics Chap. 1- Power sharing  
Economics Chap. 1- Developments  
History Chap. 3- Nationalism in India

**UNIT TEST 1**

JULY  
Geography Chap. 3- Water resources  
Civics- Chap.2- Federalism  
Economics Chap. 2- Sectors of Indian Economy  
Geography- Chap. 4- Agriculture  
Chap 5. Mineral and Energy Resources  
Civics- Chap. 3- Democracy and Diversity  
Economics- Chap. 3- Money and Credit  
AUGUST  
Geography- Chap. 6- Manufacturing Industries

**1<sup>ST</sup> TERMINAL**

SEPTEMBER  
Civics- Chap. 4- Gender, Religion and Cast  
History- Chap. 6- Work, Life & Leisure  
Civics- Chap. 5- Popular Struggles and  
Movements  
Economics- Chap. 4- Globalization and the Indian  
Economy  
OCTOBER  
History- Chap. 7- Print Culture & Modern  
World

**UNIT TEST 2**

NOVEMBER  
Geography- Chap. 7- Life Lines of National Economy  
Civics- Chap. 6- Political Parties  
Economics Chap. 5- Consumer Rights  
Civics- Chap. 7- Outcomes of Democracy  
Chap. 8- Challenges to Democracy  
DECEMBER  
REVISION

**II<sup>ND</sup> TERM**

JANUARY  
REVISION  
**PRE- BOARD**

FEBRUARY  
Revision

## **SUBJECT - COMPUTER**

**BOOK NAME** : Foundation of Information Technology (by Ravi K. Chugh)

### **FIRST TERM ( APRIL TO AUGUST)**

- Lesson-1 **The Internet**
- Lesson-2 **Internet Services**
- Lesson-5 **Introduction to HTML**
- Lesson-6 **Advanced HTML**

### **SECOND TERM ( SEPTEMBER TO DECEMBER)**

- Lesson-3 **Introduction to Database-Microsoft Access 2010**
- Lesson-4 **Moving Ahead with Microsoft Access 2010**
- Lesson-7 **Introduction to XML**
- Lesson-8 **Social Impacts of IT**

### **THIRD TERM ( JANUARY TO MARCH)**

### **REVISION AND ANNUAL EXAM**

## **SUBJECT - MUSIC**

### **FIRST TERM -APRIL TO AUGUST**

- Definition : sangeet, saptak, alankar, aroh-avroh, avartan and shruti (Theory)
- Introduction of raag desh (Theory and Practical)
- What is classical music (Theory)
- Taal: dadra taal, roopak taal (Theory and Practical)

### **SECOND TERM - SEPTEMBER TO DECEMBER**

- Difference between bhajan, gazal and geet (Theory)
- Introduction of dance (Theory)
- Biography of musicians: pt. Ravi Shankar and A.R Raheman (Theory)
- Swach bharat song, national anthem, national song (Theory and Practical)

### **THIRD TERM ( JANUARY TO MARCH)**

- **REVISION AND ANNUAL EXAM**



## **SUBJECT - ART**

**NAME OF THE BOOK - OPTIMA-ART PLUS - X**

### **FIRST TERM - APRIL TO AUGUST**

<b><u>APRIL</u></b>	General Instructions- Files Preparation , Landscape in Color Tones
<b><u>MAY</u></b>	Tree Stylization, Group Activity, Abstract Painting
<b><u>JULY</u></b>	Landscape in hatching , folder , strippling in Bird's House
<b><u>AUGUST</u></b>	bird Stylization , basket Decoration

### **SECOND TERM - SEPTEMBER TO DECEMBER**

<b><u>SEPTEMBER</u></b>	Package Designing , Half Yearly Examination
<b><u>OCTOBER</u></b>	Knife Painting , Coffee Mug Desinging
<b><u>NOVEMBER</u></b>	Statue Decoration , Book Cover Design , Poster on Save Water
<b><u>DECEMBER</u></b>	Revision

### **THIRD TERM ( JANUARY TO MARCH)**

<b><u>JANUARY</u></b>	Revision
-----------------------	----------