

# **ABHINAV BHARATI HIGH SCHOOL**

**SYLLABUS FOR ACADEMIC SESSION 2017-2018**

**Class X11**

## **English Literature**

### **TERM I**

#### **Flamingo (Prose)**

- 1. The Last Lesson**
- 2. Lost Spring**
- 3. Deep Water**
- 4. The Rattrap**

#### **Poems**

- 1. My Mother At Sixty Six**
- 2. An Elementary School Classroom in A Slum**
- 3. Keeping Quiet**

#### **Vistas (Prose)**

- 1. The Tiger King**
- 2. The Enemy**
- 3. Should Wizard Hit Mommy**

#### **English language**

- 1. Note Making**
- 2. Comprehension**
- 3. Factual Description**

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**Class X11**

**Rapid Reader**

**The Invisible Man - Chapters 1 to 12 .**

## **TERM - II**

**English Literature**

**Flamingo (Prose)**

**5. Indigo**

**6. Going Places.**

**Poems**

**4. A Thing of**

**Beauty**

**5. Aunt Jennifer's**

**Tiger**

**Vistas (Prose)**

**4. On the Face of It**

**5. Evans Tries an O**

**Level**

**6. Memories of**

**Childhood.**

**English Language**

**4. Posters**

**5. Invitations**

**6. Revision**

**Rapid Reader**

**The Invisible Man -**

**Chapters 13 to 28 .**

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**Class X11**

## **MATHS**

### **PRE - SELECTION**

- \* Relation and Functions**
- \* Inverse Trigonometric functions**
- \* Matrices and Determinants**
- \* Differentiation**
- \* Applications of Derivatives**
- \* Vectors**

### **SELECTION**

- \* Integral Calculus**
- \* Differential Equations**
- \* 3D geometry**
- \* Probability**
- \* Linear Programming**

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**Class X11**

## **Physics**

### **FIRST TERM (unit Test)**

- 1. Electrostatics**
- 2. Geometrical optics (upto refraction at plane and curved surfaces)**
- 3. Wave optics (upto interference and diffraction)**

### **PRE -SELECTION**

- 1. Magnetic Effects of Current and Magnetism .**
- 2. Optical Instruments and Polarisation**
- 3. Current Electricity**

### **SELECTION TEST ( I )**

- 1. Electromagnetic Induction and Alternating Current**
- 2. Dual Nature of Matter**
- 3. Atoms and Nucler .**

### **SELECTION TEST ( 2 )**

- 1. Electronic Devices**
- 2. Communication Systems .**

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**SYLLABUS FOR ACADEMIC SESSION 2017-2018**

**Class XII**

## **CHEMISTRY**

### **Term - I**

- 1. Electrochemistry**
- 2. Co-ordination Compound**
- 3. P-block elements**
- 4. Solid state**
- 5. Solutions**
- 6. Haloalkanes and Haloarenes**
- 7. Alcohols, phenols and Ethers**
- 8. Polymers**

### **Term - II**

- 1. Chemical kinetics**
- 2. Surface Chemistry**
- 3. d & f - block elements**
- 4. General Principles and process of isolation .**
- 5. Aldehydes, Ketones and Carboxylic acids**
- 6. Organic Compounds containing nitrogen**
- 7. Biomolecules**
- 8. Chemistry in everyday life .**

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**SYLLABUS FOR ACADEMIC SESSION 2017-2018**

**Class XII**

## **Biology**

### **First Term (Pre -Selection)**

#### **Unit VI**

**Chp 1 :- Reproduction in Organisms.**

**Chp 2:- Sexual Reproduction in flowering plants.**

**Chp 3:- Human Reproduction**

**Chp 4:- Reproductive Health.**

#### **Unit VII**

**Chp 5:- Principles and Inheritance of Variation**

**Chp 6:- Molecular basis of Inheritance**

**Chp 7 :- Evolution.**

#### **Unit VIII**

**Chp 8 :- Human Health and Diseases**

**Chp 9:- Strategies for enhancement in food production**

**Chp 10:- Microbes in human welfare.**

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**SYLLABUS FOR ACADEMIC SESSION 2017-2018**  
**Class XII**

**Second Term - ( Selection)**

**Unit IX :-**

**Chp 11:- Biotechnology -Orinciples & Practices**

**Chp 12:- Biotechnology - and its applications**

**Unit X:-**

**Chp 13:- Organism and Population**

**Chp 14:- Ecosystem**

**Chp 15:- Biodiversity**

**Chp 16:- Environmental Issues**

**Please note:- Second Term (Selection) also includes  
First Term Syllabus.**

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**SYLLABUS FOR ACADEMIC SESSION 2017-2018**

**Class X11**

## **COMPUTER SCIENCE**

### **TERM - I (PRE - SELECTION)**

#### **VOLUME - 1**

- 1) C++ REVISION TOUR**
- 2) OBJECT ORIENTED PROGRAMMING**
- 3) FUNCTION OVERLOADING**
- 4) CLASSES AND OBJECTS**
- 5) CONSTRUCTORS AND DESTRUCTORS**
- 6) INHERITANCE : EXTENDING CLASSES**
- 7) DATA BASE HANDLING**
- 8) POINTERS**
- 9) ARRAYS**
- 10) LINKED LISTS , STACKS AND COUEUES**

#### **VOLUME - 2**

- 11) DATABASE CONCEPTS**
- 12) STRUCTUREP COUERY LANGUAGE**

**PRACTICAL : PROJECT WORK BASED ON TOPICS.**

### **TERM - II (SELECTION)**

- 13) BOOLEAN ALGEBRA**
- 14) COMMUNICATION TECHNOLOGIES**

**PRACTICAL : PROJECT WORK BASED ON TOPICS .**



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**SYLLABUS FOR ACADEMIC SESSION 2017-2018**

**Class X11**

## **XII COMMERCE**

### **ACCOUNTANCY**

**1st Term - (PART A) Basics of partnership, Methods of valuation of Good -will, change in profit sharing ratio, Admission .(Few topics)**

**PRE SELECTION - Admission , Retirement, Death, Dissolution. Share (Simple Sums)**

**(PROJECT + VIVA)**

**SELECTION - Shares, Debentures**

**(PART -B) Analysis of Financial statements Ratio, Cash Flow, Balance sheet, comparative, Common size statement. (PROJECT+ VIVA)**

### **BUSINESS STUDIES**

**1st TERM:- (PART A) Ch 1- Nature Significance of management**

**Ch 2- Principles of Management**

**Ch 3- Business Environment**

**PRE- SELECTION - Ch 4 Planning**

**Ch 5 Organising**

**Ch 6 Staffing**

**Ch 7 Directing**

**Ch 8 Controlling**

**( plus ch 1,2,3) (PROJECT + VIVA)**

**SELECTION**

**(PART -B)**

**Financial Management**

**Marketing Management**

**Consumer Protection**

**(PROJECT + VIVA)**

# **ABHINAV BHARATI HIGH SCHOOL**

**SYLLABUS FOR ACADEMIC SESSION 2017-2018**

**Class X11**

## **History**

### **1st Term (Pre-Selections)**

**Theme One :-**

**Bricks, Beads and Bones  
The Harappan Civilization**

**Theme Two :-**

**Kings, Farmers and Towns  
Early States and Economies**

**Theme Three :-**

**Kinship ,Caste and Class  
Early Societies**

**Theme Four :-**

**Thinkers , Beliefs and Buildings  
Cultural Developments**

**Theme Five :-**

**Through the Eyes of Travellers  
Perception of the Society**

**Theme Six :-**

**Bhakti - Sufi Traditions  
Changes in Religious Beliefs and Devotional Texts**

**Theme Seven :-**

**An Imperial Capital  
Vijayanagara**

# **ABHINAV BHARATI HIGH SCHOOL**

**SYLLABUS FOR ACADEMIC SESSION 2017-2018**

**Class X11**

## **2ND Term (Selections)**

**Theme Eight :-**

**Peasants , Zamindars and the State.  
Agrarian Society and the Mughal Empire**

**Theme Nine :-**

**Kings and Chronicles  
The Mughal Courts**

**Theme Ten :-**

**Colonialism and the Countryside  
Exploring Official Archives**

**Theme Eleven :-**

**Rebels and the Raj  
1857 Revolt and its Representations.**

**Theme Twelve :-**

**Colonial Cities  
urbanisation , Planning and Architectural**

**Theme Thirteen :-**

**Mahatma Gandhi and the Nationalist Movement  
Civil Disobedience and Beyond.**

**Theme Fourteen :-**

**understanding Partition  
Politics, Memories , Experiences**

**Theme Fifteen :-**

**Framing the Constitution  
The Beginning of a New Era.**

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**SYLLABUS FOR ACADEMIC SESSION 2017-2018**

**Class X11**

## **GEOGRAPHY**

**Pre Selection :-**

**1) The World Population Distribution, Density & Growth.**

**2) Population Composition.**

**3) Human Development.**

**4) Primary Activity**

**5) Secondary Activity**

**6) Tertiary & Quaternary Activities.**

**7) Transport & Communication .**

**8) International Trade**

**9) Human Settlements.**

**Selections :- (Whole Syllabus)**

**1. Population - Distribution, Density, Growth & Comp**

**2. Migration - Types ,Causes & Consequences.**

**3. Human Development .**

**4. Human Settlements**

# **ABHINAV BHARATI HIGH SCHOOL**

**SYLLABUS FOR ACADEMIC SESSION 2017-2018**

**Class X11**

- 5. Land Resource & Agriculture**
- 6. Water Resources**
- 7. Minerals & Energy Resources**
- 8. Manufacturing Industries**
- 9. Planning & Sustainable Development**
- 10. Transport & Communication.**
- 11. International trade**
- 12. selected Issues & Problems.**

# **ABHINAV BHARATI HIGH SCHOOL**

**SYLLABUS FOR ACADEMIC SESSION 2017-2018**

**Class X11**

**Class -XII (Economics)**

**PRE -SELECTION**

**Micro**

**UNIT I : Ch 1 :- Introduction**

**UNIT 2:**

**Ch 2:- Consumer's equilibrium**

**Ch 3:- Demand**

**Ch 4:- Elasticity of demand**

**UNIT 3:**

**Ch 5:- Production function**

**Ch 6:- Cost**

**Ch 7:- Revenue**

**Ch 8 :- Producer's Equilibrium**

**MACRO**

**UNIT 5:**

**Ch 1:- Circular flow of income**

**Ch 2:- Basic concepts of Macro Economies**

**Ch 3:- National Income and related Aggregate**

**Ch 4:- Measurement of National income.**

**UNIT 6:**

# **ABHINAV BHARATI HIGH SCHOOL**

**SYLLABUS FOR ACADEMIC SESSION 2017-2018**

**Class X11**

**Ch 5 :- Money**

**Ch 6 :- Banking : commercial Bank and Central Bank**

**UNIT 7:**

**Ch 7:- Determination of income.**

**Aggregate demand and Related Concepts.**

**SELECTION**

**MICRO**

**Includes Pre -Selection Syllabus as well.**

**UNIT 3:**

**Ch 9 :- Supply**

**Ch 10:- Main market forum**

**Ch 11:- Price Determination with simple Application.**

**MACRO**

**UNIT 7:**

**Ch 8 :- Income determination and Multiplies.**

**Ch 9:- Excess demand and deficit demand.**

**UNIT 8:**

**Ch 10:- Govt. Budget and the economy**

**UNIT 9:**

**Ch 11:- Foreign Exchange rate**

**Ch 12:- Balance of Payment.**

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**SYLLABUS FOR ACADEMIC SESSION 2017-2018**

**Class X11**

## **PSYCHOLOGY (037)**

**(TERM  
I)**

**Units :-**

**unit - 2) Self and Personality**

**3) Human strengths and Meeting life (and) challenges.**

**4) Psychological Disorders .**

**5) Therapeutic approaches and counselling.**

**9) Developing psychological skills and their application**

**(TERM  
II)**

**Units :-**

**1) Intelligence and other psychological attributes .**

**6) Attitude and social equation**

**7) social influence and group processes .**

**8) Environmental and social concerns .**



# **ABHINAV BHARATI HIGH SCHOOL**

**SYLLABUS FOR ACADEMIC SESSION 2017-2018**

**Class X11**

## **Political Science**

**TERM - I**

**BOOK I ( Contemporary World Politics)**

**Chap - 1 to 5**

**BOOK II (Politics In India Since Independence)**

**Chap - 1 to 5**

**TERM - II**

**BOOK I (Chap.= 1 to 9)**

**BOOK II (Chap. = 1 to 9)**

# **ABHINAV BHARATI HIGH SCHOOL**

**SYLLABUS FOR ACADEMIC SESSION 2017-2018**

**Class X11**

## **PAINTING**

### **PRE - SELECTION**

#### **Theory : Miniature Painting**

- i) Introduction - Indian style of Miniature painting evolution and development .**
- ii) Different schools of Miniature painting - Rajasthani , pahari Mughal , Deccan -their origin and Development, characteristic**

#### **Features**

- iii) Study of Miniatures included in the syllabus compositional arrangement, technique, appreciation**

#### **New Era in Indian Art -**

- i) Study of painting by Raja Ravi Verma**

#### **Evolution of the Indian National Flag -**

- a) Symbolic significance of its form and colour**

**Contribution of the Indian Artists in the struggle for National**

**Freedom movement .**

#### **Bengal School of painting -**

- a) Origin and development**
- b) Main features**
- c) Study of paintings included in the syllabus**

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**SYLLABUS FOR ACADEMIC SESSION 2017-2018**

**Class X11**

**Practical -**

**composition in water colour or pastel on given topic .**

**Study of different styles of decorative , folk and abstract art .**

**still life , figure drawing , pencil study .**

## **SELECTION**

**Theory : The Modern trends in Indian Art**

**i) Introduction**

**ii) Study of paintings , graphic paints, Sculptures -included in the syllabus .**

**Practical : Composition in water colour or pastel on given topic**

**Still life**

**Study of different patterns & motifs pencil sketches**

HINDI

CLASS - X

Syllabus

April - JUNE

नेताजी का चश्मा,  
बालगोविन्द भगत  
शरदास के पद  
देव की कविताएँ  
माता का अंचल  
जाज पंचम की नाक

व्याकरण  
रस  
वाच्य  
पत्र-लेखन

JULY - August

राम-लक्ष्मण परशुराम संवाद  
उत्साह, अट नहीं रही है,  
लखनवी अंदाज  
मानवीय करुणा की दिव्यचमक  
साना-साना हाथ जोड़ें

व्याकरण  
वाक्य  
पद-परिचय  
अपठित  
काव्यांश

Sep - December

शक कहानी यह भी  
स्त्री शिक्षा के विरोधी कृतकों का स्वेटन  
नोबितखाने में इबादत  
आत्मकथन

व्याकरण  
विज्ञापन-लेखन  
अपठित  
गद्यांश  
निबंध

देवुरित मुस्कान, फसल  
दाया मत दूना  
कन्यादान  
रही ठैयां झुलनी हिरानी हो रामा

Jan

संगतकार  
में क्यों लिखता हूँ,  
संस्कृति

# HINDI SYLLABUS

XII

Pre Selection :

आरोह : पद्य पाठ — 1-6  
गद्य पाठ — 11-14

वितान : पाठ — 1,2

अभिव्यक्ति और माध्यम : पाठ — 1-4

व्याकरण : निबन्ध-लेखन, पत्र-लेखन, फीचर लेखन  
आलेख-लेखन, अपठित गद्यांश एवं  
अपठित पद्यांश ।

Selection :

आरोह : पद्य पाठ — 1-10  
गद्य पाठ — 11-18

वितान : पाठ — 1-4

व्याकरण : Pre-Selection की तरह

अभिव्यक्ति और माध्यम : Pre-Selection की तरह