

# MODERN PUBLIC SCHOOL, SHALIMAR BAGH

## SYLLABUS FOR THE SESSION: 2017-18

### CLASS IX

## ENGLISH

### Prescribed Books:

1. **Interact in English – IX, Main Course Book(Revised)**
2. **Interact in English – IX, Literature Reader(Revised)**
3. **Interact in English – IX, Work Book(Revised)**
4. **Novel- Three Men in a Boat by Jerome. K .Jerome.**

### UNIT TEST – I

<b>Literature Reader</b>	:	Chapter-1 How I taught my grandmother to read Poem-4 Lord Ullin's Daughter Poem-6 Oh, I Wish I'd Looked After My Teeth Drama-1 Villa for Sale
<b>Workbook</b>	:	Unit- 1 Verb Forms Unit- 2 Determiners
<b>Main Course Book</b>	:	Unit -1 People
<b>Writing Skills</b>	:	Diary entry
<b>Novel</b>	:	Chapter 1 to 3

### TERM – I

<b>Literature</b>	:	Chapter -1 How I taught my grandmother to read Chapter -2 A Dog named Duke Poem-1 The Brook Poem -2 The Road Not Taken Poem-3 The Solitary Reaper Poem-4 Lord Ullin's Daughter Poem-6 Oh, I Wish I'd Looked After My Teeth Drama-1 Villa for Sale
<b>Workbook</b>	:	Unit- 1 Verb Forms Unit- 2 Determiners Unit- 3 Future Time Reference Unit- 6 The Passive

<b>Main Course Book</b>	:	Unit -1 People Unit -2 Adventure
<b>Writing Skills</b>	:	Diary Entry Article Writing Story Writing
<b>Novel</b>	:	Chapter 1 to 7

### **UNIT TEST – II**

<b>Literature Reader</b>	:	Chapter -1 How I taught my grandmother to read Chapter -2 A Dog named Duke Chapter -3 The Man who knew too much Poem-1 The Brook Poem -2 The Road Not Taken Poem-3 The Solitary Reaper Poem-4 Lord Ullin's Daughter Poem-5 The Seven Ages Poem-6 Oh, I Wish I'd Looked After My Teeth Drama-1 Villa for Sale Drama-2 The Bishop's Candlesticks
<b>Workbook</b>	:	Unit- 1 Verb Forms Unit- 2 Determiners Unit- 3 Future Time Reference Unit-4 Modals Unit- 6 The Passive
<b>Main Course Book</b>	:	Unit -1 People Unit -2 Adventure Unit - 3 Environment Unit - 4 The Class IX Radio and Video Show Unit - 5 Mystery
<b>Writing Skills</b>	:	Article Writing Diary Writing Story Writing
<b>Novel</b>	:	Chapter 1 to 10

### **TERM – II**

<b>Literature Reader</b>	:	Chapter -1 How I taught my grandmother to read Chapter -2 A Dog named Duke Chapter -3 The Man who knew too much Chapter-4 Keeping it from Harold Chapter-5 Best Seller Poem-1 The Brook Poem -2 The Road Not Taken Poem-3 The Solitary Reaper
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		Poem-4	Lord Ullin's Daughter
		Poem-5	The Seven Ages
		Poem-6	Oh, I Wish I'd Looked After My Teeth
		Poem-7	Song of the Rain
		Drama-1	Villa for Sale
		Drama-2	The Bishop's Candlesticks
<b>Workbook</b>	:	Unit- 1	Verb Forms
		Unit- 2	Determiners
		Unit- 3	Future Time Reference
		Unit- 4	Modals
		Unit- 5	Connectors
		Unit- 6	The Passive
		Unit- 7	Reported Speech
		Unit- 8	Prepositions
<b>Main Course Book</b>	:	Unit -1	People
		Unit -2	Adventure
		Unit - 3	Environment
		Unit - 4	The Class IX Radio and Video Show
		Unit - 5	Mystery
		Unit - 6	Children
		Unit -7	Sports and Games
<b>Writing Skills</b>	:	Article Writing	
	:	Diary Writing	
	:	Story Writing	
<b>Novel</b>	:	Chapter 1 to 19	

## **MATHEMATICS**

### **Prescribed Books:**

- 1. Mathematics, A textbook for Class IX**
- 2. Guidelines for Mathematics Laboratory in Schools - IX**

### **UNIT TEST –I**

<b>Chapter 1</b>	:	Number System
<b>Chapter 2</b>	:	Polynomials
<b>Chapter 3</b>	:	Coordinate Geometry

### **TERM –I**

<b>Chapters 1,2,3</b>	:	
<b>Chapter 4</b>	:	Linear Equations in two variables
<b>Chapter 6</b>	:	Lines and Angles
<b>Chapter 7</b>	:	Triangles

**Chapter 12** : Heron's Formula

### **UNIT TEST –II**

**Chapters 1,2,3,4,6,7,12**

**Chapter 8** : Quadrilaterals

**Chapter 13** : Surface Areas and Volumes

### **TERM –II**

**Chapters 1,2,3,4,6,7,8,12,13**

**Chapter 5** : Introduction to Euclid's Geometry

**Chapter 9** : Areas of Parallelograms and Triangles

**Chapter 10** : Circles

**Chapter 11** : Constructions

**Chapter 14** : Statistics

**Chapter 15** : Probability

❖ Syllabus for Lab Activities will be given by the teacher.

## **SCIENCE**

**Prescribed Book: Science – A Textbook for Class IX (NCERT)**

### **UNIT TEST –I**

**Chapter 1** : Matter in our surroundings

**Chapter 5** : The Fundamental unit of life

**Chapter 8** : Motion

### **TERM –I**

**Chapters - 1,5,8**

**Chapter 2** : Is matter around us pure?

**Chapter 6** : Tissues

**Chapter 9** : Force and Laws of Motion

**Chapter 13** : Improvement in Food Resources

### **UNIT TEST –II**

**Chapters – 1,2,5,6,8,9,13**

**Chapter 3** : Atoms and Molecules

<b>Chapter 10</b>	:	Gravitation
<b>Chapter 15</b>	:	Why do we fall ill?

## **TERM –II**

**Chapters - 1,2,3,5,6,8,9,10,13,15**

<b>Chapter 4</b>	:	Structure of the atom
<b>Chapter 7</b>	:	Diversity in living organism.
<b>Chapter 11</b>	:	Work and Energy.
<b>Chapter 12</b>	:	Sound.
<b>Chapter 14</b>	:	Natural Resources

❖ Syllabus for Practical Examinations will be given by the teacher.

## **SOCIAL SCIENCE**

### **Prescribed Books:**

<b>1. History</b>	:	<b>India and the Contemporary World-1</b>
<b>2. Economics</b>	:	<b>Economics</b>
<b>3. Geography</b>	:	<b>Contemporary India-I</b>
<b>4. Political Science</b>	:	<b>Democratic Politics</b>

## **UNIT TEST –I**

<b>History</b>	:	Chapter – 1 The French Revolution Map Work : The French Revolution
<b>Political Science</b>	:	Chapter – 1 Democracy in the Contemporary World
<b>Economics</b>	:	Chapter – 1 The Story of Village Palampur
<b>Geography</b>	:	Chapter – 1 India – Size and Location Map Work : India – size and Location

## **TERM – I**

**History:Ch-1, Pol.Sc:Ch-1, Eco:Ch-1, Geo:Ch-1**

<b>History</b>	:	Chapter – 3 Nazism and the Rise of Hitler
<b>Political Science</b>	:	Chapter – 2 What is Democracy? Why Democracy?
<b>Geography</b>	:	Chapter – 2 Physical Features of India Map Work : Physical features of India Chapter – 3 Drainage Map Work : Drainage
<b>Economics</b>	:	Chapter – 2 People as Resource

## UNIT TEST –II

**History:Ch-1,3 , Pol.Sc:Ch-1,2 , Eco:Ch-1,2 , Geo:Ch-1,2,3**

<b>History</b>	:	Chapter – 4 Forest Society and Colonialism Map Work : Forest Society and Colonialism
<b>Political Science</b>	:	Chapter – 3 Constitutional Design
<b>Geography</b>	:	Chapter – 4 Climate Chapter – 5 Natural vegetation and Wildlife
<b>Economics</b>	:	Chapter – 3 Poverty as a Challenge

## TERM – II

**History:Ch-1,3 ,4 , Pol.Sc:Ch-1,2 ,3 , Eco:Ch-1,2,3, Geo:Ch-1,2,3,4**

<b>History</b>	:	Chapter – 7 History and Sport – The Story of Cricket.
<b>Political Science</b>	:	Chapter – 4 Electoral Politics Chapter – 5 Working of Institutions Chapter – 6 Democratic Rights
<b>Geography</b>	:	Chapter – 6 Population Map Work : National Parks, Wildlife Sanctuaries, Natural Vegetation, Population.
<b>Economics</b>	:	Chapter – 4 Food Security in India

## **COMPUTER AWARENESS**

### April – May

- Computer System and Memory
- Introduction to GIMP
  - Rectangle Selection tool
  - Free Select tool
  - Fuzzy Select tool
  - Scissors select tool
  - Foreground select tool
  - Crop tool
  - Eraser tool
  - Bucket fill
  - Text tool

### July

- GIMP (Continued)
  - Concept of Layers(creating, merging ,deleting layers)

- Paint tools(Paintbrush tool,Color Picker ,Ink tool, Clone, Healing, Dodge, Smudge)
- Transform tool(Scale, Flip, Zoom, Rotate)
- Filters
- Colors Tools
- Word Processing Tool using LibreOffice Writer

### **Practical**

- Editing and formatting text paragraph , Page paragraph setup, Inserting symbols and pictures along with other formatting tools.
- Editing and formatting Pictures using GIMP tools.

### **August**

- SpreadSheet Tool using LibreOffice Calc

### **Practical**

- Formatting cells and data
- Functions & formulae (Relative, absolute and Mixed reference)
- Charts

### **September**

- Communication Technology
- Presentation Tool using LibreOffice Impress

### **Practical**

- Editing and formatting slides
- Inserting pictures and animating pictures and text .

### **October**

- JAVA – Introduction to JAVA
- NetBeans interface and IDE concepts.
- Data types and variables in JAVA.
- How to create a simple Frame in JAVA to display any message using JOptionPane.

### **November- December**

- Use of Java Swing controls
- Textfields, TextArea, Password Fields, Button
- Decision control Statement-If Else Statement
- Operators in JAVA(Arithmetic and Relational Operators)

### **January-February**

- Case studies (application based questions) based on Swing controls.

## Syllabus for the Session 2017-18

Class : IX

Hindi

### निर्धारित पुस्तकें

1. स्पर्श भाग 1
2. संचयन भाग 1

स्पर्श	:	<b>Unit I</b> गद्य - धूल, दुख का अधिकार पद्य - रैदास के पद, रहीम के पद
संचयन	:	गिल्लू, स्मृति
व्याकरण	:	वर्णविच्छेद, अनुस्वार, अनुनासिक, नुक्ता, उपसर्ग-प्रत्यय
लेखन कौशल	:	पत्र, अनुच्छेद, चित्र वर्णन, अपठित काव्यांश व गद्यांश

### Term - I

स्पर्श	:	गद्य - एवरेस्ट मेरी शिखर यात्रा, तुम कब जाओगे अतिथि, पाठ - 1, 2 पद्य - पाठ - 1, 2, आदमीनामा, एक फूल की चाह
संचयन	:	पाठ - 1, 2, कल्लू कुम्हार की उनाकोटी
व्याकरण	:	संधि, विरामचिह्न, वर्णविच्छेद, अनुस्वार, अनुनासिक, नुक्ता, उपसर्ग-प्रत्यय
लेखन कौशल	:	पत्र, अनुच्छेद, चित्र वर्णन, संवाद, विज्ञापन, अपठित काव्यांश व गद्यांश
वाचन व श्रवण कौशल (ए.एस.एल)	:	वाचन व श्रवण कौशल का मूल्यांकन कक्षा में करवाया जाएगा।

### Unit II

स्पर्श	:	गद्य - कीचड़ का काव्य, धर्म की आड़ पाठ - 1, 2, 3, 4 तथा वैज्ञानिक चेतना के वाहक पद्य - गीत अगीत, अग्निपथ, 1, 2, 3, 4
संचयन	:	मेरा छोटा सा निजी पुस्तकालय, पाठ - 1, 2, 3
व्याकरण	:	वर्णविच्छेद, अनुस्वार, अनुनासिक, नुक्ता, उपसर्ग-प्रत्यय, संधि, विराम चिह्न
लेखन कौशल	:	पत्र, अनुच्छेद, चित्र वर्णन, संवाद, विज्ञापन, अपठित काव्यांश व गद्यांश



## Term – II

स्पर्श	:	गद्य - शुक्रतारे के समान, पाठ - 1, 2, 3, 4, 5, 6, 7 पद्य - नए इलाके में , खुशबू रचते हैं हाथ, पाठ - 1, 2, 3, 4, 5, 6
सर्चयन	:	हामिद खौ व पाठ - 1, 2, 3, 4
व्याकरण	:	वर्णविच्छेद, अनुस्वार, अनुनासिक, नुक्ता, उपसर्ग-प्रत्यय, संधि, विराम चिहन ।
लेखन कौशल	:	पत्र, अनुच्छेद, चित्र, विज्ञापन, संवाद, अपठित काव्यांश व गद्यांश ।
वाचन व श्रवण कौशल (ए.एस.एल)	:	वाचन व श्रवण कौशल का मूल्यांकन कक्षा में करवाया जाएगा ।