

## कक्षा नवीं

2019 -2020

### प्री-टर्म-1

स्पर्श- गद्य-	दुःख का अधिकार, एवरेस्ट: मेरी शिखर यात्रा
पद्य-	रैदास
संचय-	गिल्लू
व्याकरण-	उपसर्ग, प्रत्यय, वर्ण-विच्छेद('र' का प्रयोग), विराम-चिह्न, चित्र-वर्णन

### अर्ध वार्षिक

स्पर्श- गद्य-	तुम कब जाओगे, अतिथि, कीचड़ का काव्य, दुःख का अधिकार, एवरेस्ट: मेरी शिखर यात्रा
पद्य-	रहीम, रैदास, आदमीनामा
संचय-	स्मृति, गिल्लू
व्याकरण-	उपसर्ग, प्रत्यय, वर्ण-विच्छेद('र' का प्रयोग), विराम- चिह्न, चित्र-वर्णन, नुक्ता, संधि, विज्ञापन, पत्र(अनौपचारिक), अनुच्छेद, अनुस्वार, अनुनासिक, संवाद, अपठित गद्यांश, अपठित काव्यांश

### प्री-टर्म-2

स्पर्श- गद्य-	धर्म की आड़, शुक्रतारे के समान, तुम कब जाओगे, अतिथि
पद्य-	एक फूल की चाह
संचय-	हामिद खाँ
व्याकरण-	वर्ण-विच्छेद, अनुस्वार, अनुनासिक, नुक्ता, विराम- चिह्न

### वार्षिक परीक्षा

स्पर्श- गद्य-	दुःख का अधिकार, एवरेस्ट: मेरी शिखर यात्रा, अतिथि तुम कब जाओगे, कीचड़ का काव्य, धर्म की आड़, शुक्रतारे के समान
पद्य-	अग्निपथ, नए इलाके में..., खुशबू रचते हैं हाथ..., रैदास, रहीम, एक फूल की चाह, आदमीनामा
संचय-	गिल्लू, स्मृति, दिए जल उठे, हामिद खाँ
व्याकरण-	वर्ण-विच्छेद('र' का प्रयोग), विराम- चिह्न, चित्र-वर्णन, नुक्ता, संधि, विज्ञापन, पत्र(अनौपचारिक), अनुच्छेद, अनुस्वार, अनुनासिक, संवाद, अपठित गद्यांश, अपठित काव्यांश

(सम्पूर्ण पाठ्यक्रम)

## SYLLABUS 2019-2020

### **CLASS-9 BIOLOGY**

- PRE-TERM 1 : Chapter 5 and Chapter 6 including article 6.1 and 6.2
- FIRST TERM: Chapter 5,6,7
- PRE-TERM 2 : Chapter 6 from article 6.3 onwards and Chapter13
- FINAL EXAMINATION: Chapter 5,6,7,13,14,and 15

### SYLLABUS – ENGLISH-CLASS IX- 2019-20

#### **PRE TERM 1- 20 MARKS:**

**BEEHIVE:** 1. The Fun They Had  
2. The Road Not Taken

**MOMENTS:** 3. The Lost Child

**WRITING SKILLS:** Formal Letter: 1.Letter to the Editor  
2. Business Letters – Enquiry, Placing Order

**READING:** Comprehension

#### **INTEGRATED GRAMMAR**

#### **FIRST TERM - 80 MARKS:**

**LITERATURE (BEEHIVE):** 1. The Fun They Had  
2. The Sound of Music

3. The Road Not Taken

4. Wind

5. The Little Girl

6. Rain on the Roof

7. A Truly Beautiful Mind

8. The Lake Isles of Innisfree

9. The Snake and the Mirror

10. A Legend of the Northland

11. My Childhood

**MOMENTS:** 1. The Lost Child

2. The Adventures of Toto

3. Iswaran the storyteller

4. In the Kingdom of Fools

5. The Happy Prince

**WRITING SKILLS:** 1. Formal Letters.

2. Diary Entry.

3. Story Writing.

4. Article Writing.

**READING:** Comprehension

**INTEGRATED GRAMMAR**

**PRE-TERM 2 - 20 MARKS**

**BEEHIVE:** 1. My Childhood

2. No Men are Foreign

3. Packing

4. The Duck and the Kangaroo

**MOMENTS:** 1. Weathering the storm in Ersama

**WRITING SKILLS:** 1. Formal Letters.

2. Diary Entry.

3. Article Writing.

**READING:** Comprehension

**INTEGRATED GRAMMAR**

**FINAL TERM – 80 MARKS**

**COMPLETE SYLLABUS OF TERM I AND THE FOLLOWING: (LITERATURE)**

**BEEHIVE**

1. Packing

2. No Men are Foreign

3. The Duck and the Kangaroo

4. Reach for the Top

5. The Bond of Love

6. Kathmandu

7. If I were you

8. On killing a Tree

9. The snake trying

10. A slumber did my Spirit seal

**MOMENTS**

1. Weathering the storm in Ersama

2. The Last Leaf

3. A House is not a home

4. The Accidental Tourist

5. The Beggar

**COMPLETE GRAMMAR AND WRITING SKILLS**

**SYLLABUS FOR ACADEMIC SESSION (2019-2020)**

**CLASS- IX**

**PHYSICS**

<b>CHAPTER NO.</b>	<b>TOPIC</b>
8	MOTION
9	FORCE AND LAWS OF MOTION
10	GRAVITATION
11	WORK AND ENERGY
12	SOUND

**SYLLABUS DISTRIBUTION**

**PRE-TERM-I: CHAPTER: 8**

**FIRST TERM: CHAPTERS: 8, 9 and 10(till article 10.4.1 of NCERT included.)**

**PRE-TERM-II: CHAPTER: 10**

**FINAL TERM: CHAPTERS: 8, 9, 10, 11, 12(entire syllabus)**

**SYLLABUS FOR ACADEMIC SESSION (2019-20)**

**CLASS IX**

**CHEMISTRY**

CHAPTER 1 MATTER IN OUR SURROUNDINGS

CHAPTER 2 IS MATTER AROUND US PURE

CHAPTER 3 ATOMS AND MOLECULES

CHAPTER 4 STRUCTURE OF THE ATOM

**SYLLABUS DISTRIBUTION**

PRE TERM-1: Chapter 1

FIRST TERM: Chapter 1 & 2

PRE TERM-2: Chapter 2 (2.3 onwards) and Chapter 3

FINAL TERM: Entire Syllabus. (Chapter 1,2,3 & 4)

**SOCIAL SCIENCE**

**CLASS IX - (2019-20)**

**(CODE NO. 087)**

**HISTORY:**

1. The French Revolution
2. Socialism in Europe and the Russian Revolution
3. Nazism and the Rise of Hitler
4. Pastoralists in the Modern World

**GEOGRAPHY:**

1. India
2. Physical Features of India
3. Drainage
4. Climate
5. Natural Vegetation and Wild Life
6. Population

**POLITICAL SCIENCE:**

1. What is Democracy? Why Democracy?
2. Constitutional Design:
3. Electoral Politics:
4. Working of Institutions:
5. Democratic Rights:

### **ECONOMICS:**

1. The Story of Village Palampur
2. People as Resource
3. Poverty as a Challenge
4. Food Security in India

## **Class – 9 Social Science syllabus – 2019-2020**

### **PRE TERM-1**

1. The French Revolution (HISTORY)
2. Constitutional Design (POLITICAL SCIENCE)
3. India- Size and Location (Geography)
4. The Story of Village Palampur (Economics)

### **FIRST TERM EXAMINATION:**

#### **HISTORY:**

1. The French Revolution
2. Socialism in Europe and the Russian Revolution
3. Nazism and the Rise of Hitler

#### **POLITICAL SCIENCE:**

1. What is Democracy? Why Democracy
2. Constitutional Design
3. Electoral Politics

#### **Geography:**

1. India- Size and Location
2. Physical Features of India
3. Drainage

#### **Economics**

1. The Story of Village Palampur
2. People as Resource
3. Poverty as a Challenge

### **PRE TERM-2**

4. Pastoralists in the Modern World (HISTORY)
2. Working of Institutions (POLITICAL SCIENCE)
3. Climate (Geography)
4. Food Security in India (Economics)

## SYLLABUS 2019-2020 MATHEMATICS CLASS-9

**PRE TERM -1** 1. Coordinate Geometry 2. Probability 3. Introduction to Euclid's Geometry 4. Number System

**FIRST TERM** 1. Coordinate Geometry 2. Probability 3. Introduction to Euclid's Geometry 4. Number System 5. Polynomials 6. Lines and Angles 7. Triangles 8. Heron's Formula

**PRE – TERM - 2** 1. Linear Equations in two variables 2. Quadrilaterals 3. Area of parallelograms and triangles 4. Statistics 5. Coordinate Geometry

**FINAL TERM** 1. Coordinate Geometry 2. Probability 3. Introduction to Euclid's Geometry 4. Number System 5. Polynomials 6. Lines and Angles 7. Triangles 8. Heron's Formula 9. Linear Equations in two variables 10. Quadrilaterals 11. Area of parallelograms and triangles 12. Surface Area and Volume 13. Statistics 14. Circles 15. Constructions

### COMPUTER APPLICATIONS CLASS IX (Code No.165) for 2019-20

#### Term -I

**Unit 1: Basics of Information Technology** Familiarity with the basics of computers: design of computers, and overview of communication technologies Computer Systems: characteristics of a computer, components of a computer system – CPU, memory, storage devices and I/O devices Memory: primary (RAM and ROM) and secondary memory Storage devices: hard disk, CD ROM, DVD, pen/flash drive, memory stick I/O devices: keyboard, mouse, monitor, printer, scanner, web camera Types of software: system software (operating systems), application software, mobile applications Operating systems: kernel, device drivers, and file systems (very basic idea) Computer networking: wired/wireless communication, common protocols: Wi-Fi, Bluetooth, cloud computers (private/public) Multimedia: images, audio, video, animation Chat sites, and social networks.

#### Unit 3: Office tools

**Introduction to a word processor:** Create and save a document. Edit and format text: text style (B, I, U), font type, font size, text colour, alignment of text. Format paragraphs with line and/or paragraph spacing. Add headers and footers, numbering pages, grammar and spell check utilities, subscript and superscript, insert symbols, use print preview, and print a document. Insert pictures, change the page setting, add bullets and numbering, borders and shading and insert tables – insert/delete rows and columns, merge and split cells. Use auto-format, track changes, review comments, use of drawing tools, shapes and mathematical symbols.

**Spreadsheets:** concept of a worksheet and a workbook, create and save a worksheet. Working with a spreadsheet: enter numbers, text, date/time, series using auto fill; edit and format a worksheet including changing the colour, size, font, alignment of text; insert and delete cells, rows and columns. Enter a formula using the operators (+, -, \*, /), refer to cells, and print a worksheet. Use simple statistical functions: SUM (), AVERAGE (), MAX (), MIN (), IF () (without compound statements); embed charts of various types: line, pie, scatter, bar and area in a worksheet.

#### Term-2

#### Unit 4: Scratch /Python

#### Unit 2: Cyber-Safety

Safely browsing the web and using social networks: identity protection, proper usage of passwords, privacy, confidentiality of information, cyber stalking, reporting cybercrimes Safely accessing websites: viruses and malware

**Presentation tool:** understand the concept of slide shows, basic elements of a slide, different types of slide layouts, create and save a presentation, and learn about the different views of a slide set – normal view, slide sorter view and hand-outs. Edit and format a slide: add titles, subtitles, text, background, and watermark, headers and footers, and slide numbers. Insert pictures from files, create animations, add sound effects, and rehearse timings.

#### Pre-Test-1 Syllabus (20 marks)

1. Unit-1
2. Unit 3 (MS Word)

#### Half-Yearly Exam Syllabus(30 marks)

1. Unit-1
2. Word Processing Tools
3. Spreadsheet Tools

#### Pre- Test2 Syllabus (20 marks)

- Unit 4 :Scratch Fundamentals