



# **SYLLABUS OF CLASS VIII SESSION 2019-2020**

## **ENGLISH LANGUAGE SEMESTER I**

### **PERIOD ORDER – 1**

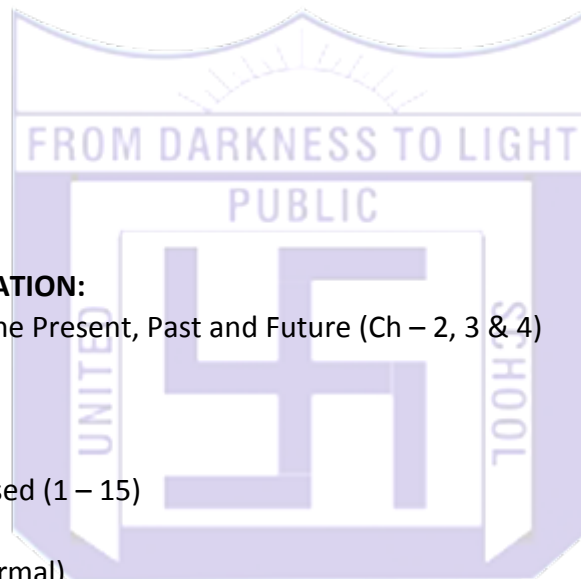
- Determiners
- Synonyms (1 – 10)
- Antonyms (1 – 10)
- Comprehension

### **PERIOD ORDER – 2**

- Conjunctions
- Adverbs
- Synonyms (11 – 20)
- Antonyms (11 – 20)
- Comprehension

### **HALF YEARLY EXAMINATION:**

- Verbs: Expressing the Present, Past and Future (Ch – 2, 3 & 4)
- Comparisons
- Synonyms (1 – 40)
- Antonyms (1 – 40)
- Words often confused (1 – 15)
- Comprehension
- Letter Writing (Informal)
- Notice writing
- Composition



## **SEMSETER II**

### **PERIOD ORDER – 3**

- Preposition
- Direct and Indirect Speech
- Synonyms (41 – 55)
- Antonyms (41 – 55)
- Comprehension
- Notice writing

### **FINAL EXAMINATION:**



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- Transformation of Sentences
- Verbs: Active and Passive Voice
- Idiomatic Expressions
- Comprehension
- Notice Writing
- E – mail writing
- Composition
- Synonyms (1 – 75)
- Antonyms (1 – 75)
- Complete Syllabus in Grammer

## ENGLISH LITERATURE SEMESTER I

### PERIOD ORDER – 1

- Childhood Memories
- Lochinwar (Poem)

### PERIOD ORDER – 2

- The Merchant of Venice
- Ozymandias (Poem)

### HALF YEARLY EXAMINATION:

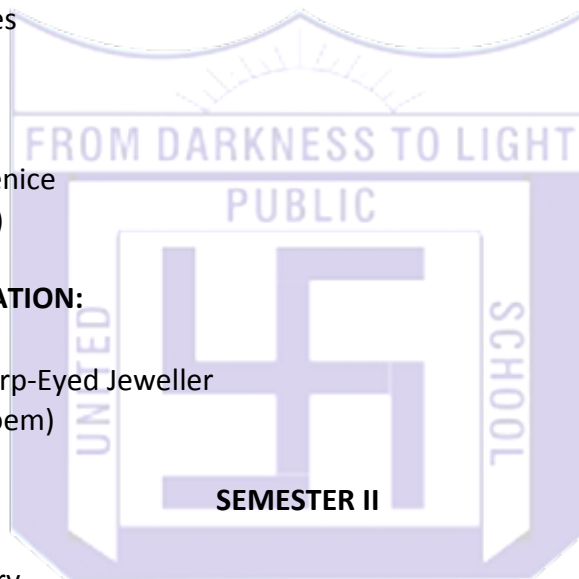
- The Flute Player
- The Case of the Sharp-Eyed Jeweller
- The Gift of India (Poem)
- The Moon (Poem)

### PERIOD ORDER – 3

- A Triumph of Surgery
- The Daffodils
- A Psalm of Life

### FINAL EXAMINATION:

- The Attic
- Candles at Midnight
- The Cold Within
- The Daffodils
- Drama: The Merchant of Venice (Act I Scene I)



## MATHEMATICS SEMESTER I

### PERIOD OREDR – 1



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- Rational Numbers (Ex – A, B, C) and Exponents

## PERIOD ORDER – 2

- Algebraic Expression and Understanding Shapes (Ex – A & B)

## HALF YEARLY EXAMINATION:

- Squares and Square Roots
- Cubes and Cube Roots
- Playing with numbers
- Interest (Only C.I.)
- Identities
- Factorisation
- Special Types of Quadrilaterals
- Data Handling
- Rational Numbers, Algebraic Expression, Exponents and Understanding Shapes

## PERIOD ORDER – 3

- Sets, Area of a trapezium and a Polygon

## FINAL EXAMINATION:

- Area of a trapezium and a Polygon
- Percent and Percentages
- Linear Equation in one variable
- Profit and Loss
- Direct and Inverse Variation
- Linear Inequations
- Constructions, Simultaneous Linear Equations
- Probability
- Graphs, Surface Area, Volume and Capacity
- Data Handling, Probability
- Interest, Factorisation
- Exponents

## PHYSICS SEMESTER I

## PERIOD ORDER – 1

- Matter

## PERIOD ORDER – 2

- Physical Quantities and Measurement

## HALF YEARLY EXAMINATION:



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- Matter
- Physical Quantities and Measurement
- Light Energy
- Force and Pressure

## SEMESTER II

### PERIOD ORDER – 3

- Energy

### FINAL EXAMINATION:

- Heat Transfer
- Sound
- Electricity
- Force and Pressure
- Energy
- Light Energy

### PERIOD ORDER – 1

- Elements, Compounds and Mixtures

### PERIOD ORDER – 2

- Atomic Structure

### HALF YEARLY EXAMINATION:

- Language of Chemistry
- Matter
- Physical and Chemical changes
- Elements, Compounds and Mixtures
- Atomic Structure

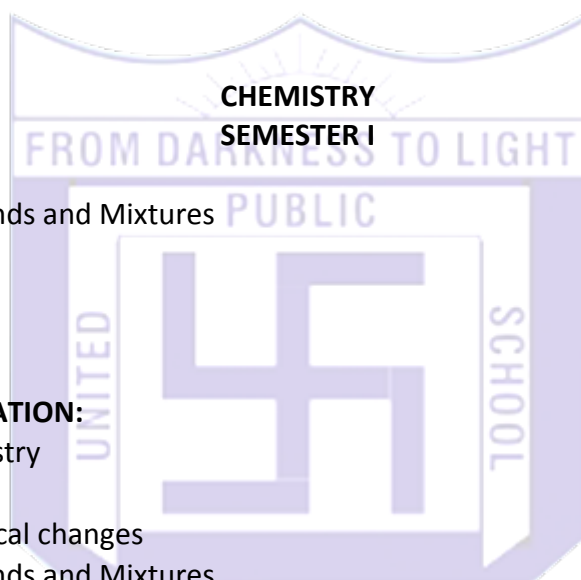
## SEMESTER II

### PERIOD ORDER – 3

- Chemical Reactions

### FINAL EXAMINATION:

- Hydrogen
- Water
- Carbon and Its compounds
- Language of Chemistry
- Chemical Reactions





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## BIOLOGY SEMESTER I

### PERIOD ORDER – 1

- Transport of Food and materials in Plants

### PERIOD ORDER – 2

- Reproduction in plants

### HALF YEARLY EXAMINATION:

- Ecosystem
- Endocrine System
- Reproduction in plants
- Transport of Food and materials in Plants

## SEMESTER II

### PERIOD ORDER – 3

- Circulatory System
- Nervous System

### FINAL EXAMINATION:

- Health and Hygiene
- Food Production
- Circulatory System
- Nervous System

### PERIOD ORDER – 1

- A Period of Transition

### PERIOD ORDER – 2

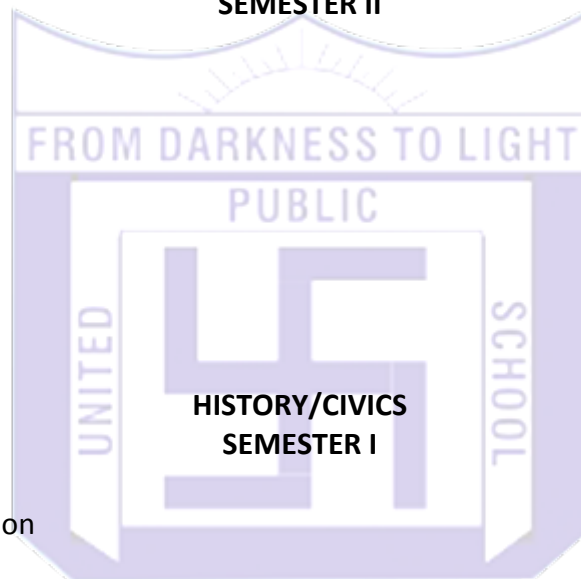
- The Age of Revolutions
- The Union Legislature

### HALF YEARLY EXAMINATION:

- The American Civil war
- India in the Eighteenth Century
- From Traders to rulers
- The Union Legislature
- The Union Executive

## SEMESTER II

### PERIOD ORDER – 3





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- British Policies and Their Impact
- The Judiciary

## FINAL EXAMINATION:

- The Great Uprising
- Reforms in Indian Society
- India's Freedom Struggle – The First Phase
- India's Freedom Struggle – The Second Phase
- The United Nations Organization
- Agencies of the United Nations

## GEOGRAPHY SEMESTER I

### PERIOD ORDER – 1

- Representation of Geographical features

### PERIOD ORDER – 2

- Population Dynamics

### HALF YEARLY EXAMINATION:

- Migration
- Urbanisation
- Asia – The largest Continent
- Representation of Geographical features
- Population Dynamics
- Map work :
  - 1) Asia (Political) – Russia, India, Thailand, Iran, Saudi Arabia, Mongolia, Turkey, Iraq  
Seas – Black Sea, Mediterranean Sea, Red Sea, Yellow Sea, Bering Sea, Arabian Sea, Laptev Sea, Caspian Sea.
  - 2) Asia (Physical) – Ural Mts., Plateau of Mongolia, Himalaya, Pamir Knot, Zagros Mts., Hindukush, Kunlun Mts., Kirthan Range, Sulaiman Range

## SEMESTER II

### PERIOD ORDER – 3

- Natural and Man – made Disaster
- India – Its human Resources

### FINAL EXAMINATION:

- India – Its Geographical Features
- India – Climate and Natural Vegetation
- Representation of Geographical features
- Population Dynamics
- India – Its human Resources



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- Map work:  
India – Important Mountain Ranges, Islands, Rivers, Coastal Plains, Passes, Mountain Peaks and Cities.

## COMPUTER APPLICATION SEMESTER I

### PERIOD ORDER - 1

- Operating System Software

### PERIOD ORDER - 2

- Functions and Charts
- Charts in Excel

### HALF YEARLY EXAMINATION:

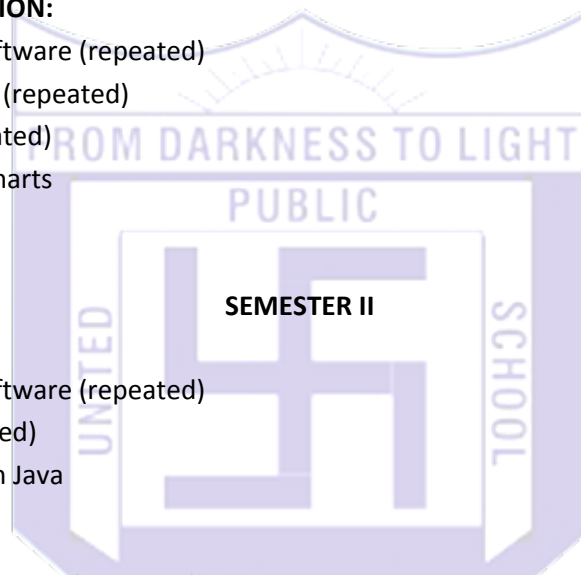
- Operating System Software (repeated)
- Functions and Charts (repeated)
- Charts in Excel (repeated)
- Algorithm and Flowcharts
- Introduction to Java
- More on java

### PERIOD ORDER - 3

- Operating System Software (repeated)
- More on java (repeated)
- Control Statements in Java

### FINAL EXAMINATION:

- Algorithm and Flowcharts (repeated)
- Introduction to Java (repeated)
- More on java (repeated)
- Control Statements in Java (repeated)
- Working with Apps
- Computer Networking
- Cloud Computing



## GENERAL KNOWLEDGE SEMESTER I

### PERIOD ORDER – 1

- The Nature



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- Current Affairs + Mind Benders

## PERIOD ORDER – 2

- Lovely Language
- Current Affairs + Mind Benders

## HALF YEARLY EXAMINATION:

- Amazing India
- The World
- Current Affairs + Mind Benders

## SEMESTER II

## PERIOD ORDER – 3

- Sports Time
- Current Affairs + Mind Benders

## FINAL EXAMINATION:

- Entertainment
- Miscellaneous
- Current Affairs + Mind Benders

