



**SAINT JOHN'S ACADEMY, ALLAHABAD**  
**SYLLABUS 2022-2023**  
**CLASS IX**

**NOTE: Half Yearly Exam includes Quarterly Syllabus in all the subjects.**  
**Final Exam includes the entire years syllabus in all the subjects.**

**ENGLISH LANGUAGE Book - Total English 9 ICSE (Morning Star)**

**Quarterly**

<b><u>Month</u></b>	<b><u>Topics</u></b>
April	<b>Composition:-</b> Narrative Essay - 2
April	<b>Letter Writing:</b> Formal - To the Editor Informal - To a Friend
April	<b>Grammar:</b> Time and Tenses - I Time and Tenses - II Sequence of Tenses
April	Listening Skills
April	<b>Comprehension Passage</b> (Pg. 61, Q.4)
April	<b>Grammar:</b> Interchange of Sentences (Pg. 7 to 10)
May	<b>Compositions:-</b> Narrative Essay
May	<b>Notice Writing:</b> Format + 1 Question
May	<b>Email Writing :</b> Format + 1 Question
May	Speaking Skills
May	<b>Grammar:</b> Prepositions Degrees of Comparison
July	<b>Compositions:-</b> Picture Study
July	<b>Comprehension Passage:</b> 1 passage
July	<b>Grammar:</b> Interchange of sentences
July	Listening & Speaking Skills

**Half-Yearly**

<b><u>Month</u></b>	<b><u>Topics</u></b>
August	<b>Compositions:-</b> Argumentative Essay - 2
August	<b>Letter Writing:</b> Formal - To Higher Authorities Informal - To Parents
August	Speaking Skills
August	<b>Comprehension Passage:</b> 1 passage
August	<b>Grammar:</b> Subject Verb Agreement Active & Passive Direct and Indirect Speech
Sept.	<b>Short Story</b>
Sept.	<b>Notice Writing:</b> 1 Question
Sept.	Listening Skills
Sept.	<b>Email Writing :</b> 1 Question
Sept.	<b>Grammar:</b> Synthesis of Sentences

	Conditional Sentences
Sept.	Listening & Speaking Skills

### Finals

<u>Month</u>	<u>Topics</u>
Oct.	<b>Compositions:-</b> Imaginative Essay
Oct.	<b>Letter Writing:</b> Formal – To the Principal - Leave
Oct.	<b>Comprehension Passage:</b> 1 passage
Oct.	<b>Grammar:</b> Transformation of Sentences – 1
Nov.	<b>Compositions:-</b> Descriptive Essay - 2
Nov.	<b>Notice Writing:</b> 1 Question
Nov.	Listening Skills
Nov.	<b>Grammar:</b> Transformation of Sentences – 1 (cont.)
Dec.	<b>Email Writing :</b> 1 Question
Dec.	<b>Grammar:</b> Transformation of Sentences – 2
Jan.	<b>Grammar:</b> Transformation of Sentences – 2 (cont.)
Jan.	Speaking Skills
Feb.	Revision of all the topics
Feb.	Listening & Speaking Skills

### ENGLISH LITERATURE

1) Merchant Of Venice (Beeta Publications)

2) Treasure Trove – A collection of ICSE Poems and Short Stories (Evergreen Publications)

### Quarterly

<u>Month</u>	<u>Ch. No.</u>	<u>Topics</u>
April	1	<b>Poetry:</b> The Heart of the Tree
April	1	<b>Prose:</b> Chief Seattle's Speech
April		<b>Play:</b> Act 1 Scene 1
May		<b>Play:</b> Act 1 Scene 2
July	2	<b>Poetry:</b> The Cold Within
July	2	<b>Prose:</b> The Old Man at the Bridge
July		<b>Play:</b> Act 1 Scene 3

### Half-Yearly

<u>Month</u>	<u>Ch. No.</u>	<u>Topics</u>
August	3	<b>Poetry:</b> The Bangle Sellers
August	3	<b>Prose:</b> A Horse and Two Goats
Sept.		<b>Play:</b> Act 2 Scene 1
Sept.		<b>Play:</b> Act 2 Scene 2
Sept.		<b>Play:</b> Act 2 Scene 3
Sept.	4	<b>Poetry:</b> After Blenheim
Sept.	4	<b>Prose:</b> Hearts and Hands
October		<b>Play:</b> Act 2 Scene 4, 5 & 6

### Finals

<u>Month</u>	<u>Ch. No.</u>	<u>Topics</u>
Nov.	5	<b>Poetry:</b> Television

Nov.	5	<b>Prose:</b> A Face in the Dark
Nov.		<b>Play:</b> Act 2 Scene 7
Dec.		<b>Play:</b> Act 2 Scene 8 & 9
Jan.	6	<b>Poetry:</b> Daffodils
Jan.	6	<b>Prose:</b> An Angel in Disguise
Feb.		<b>Play:</b> Act 3 Scene 1

## MATHEMATICS

ICSE Foundation Mathematics for Class IX By R.S. Agarwal (Goyal Brothers Prakashan)

### Quarterly

<u>Month</u>	<u>Ch. No.</u>	<u>Topics</u>
April	1	Pure arithmetic
April	2	Compound Interest
May	3	Expansions
May	4	Factorisation
July	5	Simultaneous Linear Equations in two variables
July	5	Word problems on Simultaneous Equations

### Half-Yearly

<u>Month</u>	<u>Ch. No.</u>	<u>Topics</u>
August	6	Indices/ Exponents
August	7	Logarithms
August	8 A	Triangles
Sept.	8 B, 8 C	Triangles
October	9	Mid - Point Theorem
October	10	Pythagoras Theorem

### Finals

<u>Month</u>	<u>Ch. No.</u>	<u>Topics</u>
Nov.	11	Rectilinear Figures
Nov.	12	Theorems on Area
Nov.	13	Chord properties of Circles
Dec.	14	Arc properties of Circles
Dec.	15, 16	Statistics
Jan.	17, 18, 19	Mensuration
Jan.	20	Trigonometry
Jan.	21	Co-ordinate Geometry

## HISTORY & CIVICS

Comprehensive History & Civics for ICSE Class 9 (Frank Educational Aids)

### Quarterly

<u>Month</u>	<u>Ch. No.</u>	<u>Topics</u>
April	1	Our Constitution ( <b>Civics</b> )
April	1	The Harappan Civilization

May	2	The Vedic Period
July	3	Jainism and Buddhism

### Half-Yearly

<u>Month</u>	<u>Ch. No.</u>	<u>Topics</u>
August	2	Elections ( <b>Civics</b> )
August	4	The Mauryan Empire
Sept.	5	The Sangam Age
Sept.	6	The Age of the Guptas
Sept.	7 (a)	The Cholas

### Finals

<u>Month</u>	<u>Ch. No.</u>	<u>Topics</u>
October	3.	Local Self Government: ( <b>Civics</b> )
November	(b)	The Delhi Sultanate
November	(c)	The Mughal Empire
December	(d)	Composite Culture
December	8(a)	Renaissance
January	(b)	Reformation
January	(c)	Industrial Revolution

## GEOGRAPHY

A Text Book of ICSE Geography Part - 1 (Goyal Brothers Prakashan)

### Quarterly

<u>Month</u>	<u>Ch. No.</u>	<u>Topics</u>
April	1	Earth as a planet
April	2	Latitudes and Longitudes
April	3	Rotation and Revolution
May	4	Earths Structure
July	5	Landforms of the Earth
July	6	Rocks and Rock cycle
July	7	Volcanoes
		Map work (World) - Oceans, seas, gulfs, straits, rivers, mountains, plateaus

### Half-Yearly

<u>Month</u>	<u>Ch. No.</u>	<u>Topics</u>
August	8	Earthquakes
August	9	Weathering and Denudation
August	10	Tides and Ocean Currents
Sept.	11	Composition and structure of atmosphere
Sept.	12	Insolation
Sept.		Map work (World) - Ocean currents, water bodies
Oct.	13	Atmospheric pressure and winds
Oct.	14	Humidity

## Finals

<u>Month</u>	<u>Ch. No.</u>	<u>Topics</u>
Nov.	15	Pollution - Types and sources
Dec.	16	Effects of Pollution
Dec.	17	Pollution - Preventive Measures
Jan.	18	Natural Regions of the World
Jan.		Map Work: (World) Natural regions, Oceans, seas, gulfs, straits, rivers, mountains, plateau, ocean currents & water bodies.

## PHYSICS

### Concise Physics Vol. 1 (Selina Publications)

#### Quarterly

<u>Month</u>	<u>Ch. No.</u>	<u>Topics</u>
April	1	Measurements & Experimentation
May	2	Motion in One Dimension
July	3	Laws of motion

#### Practicals:

April	Finding the diameter of a metal bob using Vernier Calliper.
May	Finding the diameter/ thickness of the cross-section of a thin metallic wire using a screw gauge.

#### Half-Yearly

<u>Month</u>	<u>Ch. No.</u>	<u>Topics</u>
August	4	Pressure in fluids and Atmospheric pressure
Sept.	5	Upthrust in fluids, Archimedes' principle and Flotation
October	6	Heat & Energy

#### Practicals:

August	Finding acceleration due to gravity using a Simple pendulum.
--------	--

## Finals

<u>Month</u>	<u>Ch. No.</u>	<u>Topics</u>
Nov.	7	Light
December	8	Propagation of Sound waves
January	9	Current Electricity
Jan./ Feb.	10	Magnetism

#### Practicals:

Nov.	To verify the law of reflection ( $\angle i = \angle r$ ) using a plane - mirror.
Dec.	To study the various electrical components of a simple D.C. circuit.
Jan.	To study the behaviour of a simple bar and horse - shoe magnet and compare their strengths.

## CHEMISTRY

### Concise Chemistry Vol. 1 (Selina Publications)

### Quarterly

<u>Month</u>	<u>Ch. No.</u>	<u>Topics</u>
April - May	1	The language of Chemistry
July	2	Chemical changes and reactions
July		Practicals: Action of heat on compounds

### Half-Yearly

<u>Month</u>	<u>Ch. No.</u>	<u>Topics</u>
August	3	Water
August	4	Atomic Structure and Chemical bonding
Aug. - Sept.	5	The Periodic Table
Sept. - Oct.	8	Atmospheric Pollution
		Practicals: Action of heat on compounds

### Finals

<u>Month</u>	<u>Ch. No.</u>	<u>Topics</u>
Nov.		
Dec.	6	Study of the first element - Hydrogen
Jan.	7	Study of gas laws
		Practical: Flame Test Experiment based on hard water and soft water

## **BIOLOGY**

**Srijan ICSE Biology Class IX (Nageen Prakashan)**

### Quarterly

<u>Month</u>	<u>Ch. No.</u>	<u>Topics</u>
April	1	The Cell
April	2	The Tissues
May	3	The Flower
July	4	Pollination and Fertilization
July	5	Structure and germination of seeds

### Practicals

April	1.	Examination of Onion peel
May	2.	Examination of a Cheek cell
July	3.	Examination of a cross pollinated flower
July	4.	Specimens of germinating seeds (bean & maize)

### Half-Yearly

<u>Month</u>	<u>Ch. No.</u>	<u>Topics</u>
August	6	Respiration in plants
August	7	Diversity in living organisms
Sept.	8	Economic Importance of bacteria and fungi
Sept.	9	Nutrition
Sept.	10	Dentition
Oct.	11	Digestive System

### Practicals

August	7.	Examination & identification of chordates & non - chordates
October	11.	Identification of sugar, starch, protein and fats.

### **Finals**

<b><u>Month</u></b>	<b><u>Ch. No.</u></b>	<b><u>Topics</u></b>
Nov.	12	Skeleton System
Nov.	13	Skin : Structure and Function
Dec.	14	Respiratory System
Jan.	15	Health and hygiene
Feb.	16	Aids to health
Feb.	17	Waste generation and management

### **Practicals**

Nov.	13	Identification of the structure of skin
Dec.	14	Identification of the structure of lungs
Dec.	15	Bell jar experiment

### **COMPUTER APPLICATIONS**

#### **Computer Applications Class IX (Dhanpat Rai and Co.)**

### **Quarterly**

<b><u>Month</u></b>	<b><u>Ch. No.</u></b>	<b><u>Topics</u></b>
April	1	Introduction to Object Oriented Programming concepts
April	2	Introduction to Java
April	3	Elementary Concepts of Objects & Classes
May	4	Values & Data Types
May	5	Operators and Expressions
July	9	Conditional Constructs in Java
July	10	Iteration Constructs in Java (Loops)

### **Half-Yearly**

<b><u>Month</u></b>	<b><u>Ch. No.</u></b>	<b><u>Topics</u></b>
August	7	Input in Java
Sept.	8	Mathematical Library Functions
October	6	Methods and Functions

### **Finals**

<b><u>Month</u></b>	<b><u>Ch. No.</u></b>	<b><u>Topics</u></b>
Nov.	11	Nested Loops
Dec.	12	Computing and Ethics
Jan.		Revision

### **COMMERCIAL APPLICATIONS**

#### **Commercial Applications Class IX (Goyal Brothers Prakashan)**

### **Quarterly**

<b><u>Month</u></b>	<b><u>Ch. No.</u></b>	<b><u>Topics</u></b>
April	1	Introduction to Commercial Organisations
April	2	Ownership Structure: Sole Proprietorship; Joint Hindu Family

		Business
April	3	Ownership Structure: Partnership
May	4	Joint Stock Company
July	5	Co-operative Societies
July	6	Public Sector Enterprises

### Half-Yearly

<u>Month</u>	<u>Ch. No.</u>	<u>Topics</u>
August	7	Functioning of Commercial Organisation
August	8	Communication
Sept.	9	Ways of Communication
Sept.	10	Tools of Communication

### Finals

<u>Month</u>	<u>Ch. No.</u>	<u>Topics</u>
Oct.	13	Natural Resources
Nov.	14	Depletion of Resources
Nov.	15	Conservation of Resources
Dec.	16	Industrial Pollution
Jan.	11	Nature & Terminology of Accounting
Feb.	12	Accounting Records

## VALUE EDUCATION

### Living in Harmony - Class 9 Oxford School Education

#### Quarterly

<u>Month</u>	<u>Ch. No.</u>	<u>Topics</u>	<u>Page No.</u>
April	1	In harmony with Myself	9
July	2	Peace Recipes	17

#### Half-Yearly

<u>Month</u>	<u>Ch. No.</u>	<u>Topics</u>	<u>Page No.</u>
August	3	The X and Y Equation	27
Sept.	4	The Compass in your Backpack	38

#### Finals

<u>Month</u>	<u>Ch. No.</u>	<u>Topics</u>	<u>Page No.</u>
Nov.	5	One Country, Many Worlds	48
Dec. & Jan.	6	Real Values in a Virtual World	57