

ST. THOMAS SCHOOL SEC.-3 DHURWA RANCHI 834004

SYLLABUS FOR THE SESSION 2023-2024

SUBJECT- BIOLOGY

CLASS- 9

BOOK: 1. ICSE CONCISE BIOLOGY - PART I [SELINA]

2. ICSE CONCISE BIOLOGY - PART II [SELINA]

PORTION TO BE COVERED BEFORE FIRST TERM

SL. NO.	CHAPTER NO.	NAME OF THE CHAPTER
1.	8	FIVE KINGDOM CLASSIFICATION
2.	9	ECONOMIC IMPORTANCE OF BACTERIA
3.	10	NUTRITION
4.	11	DIGESTIVE SYSTEM

PORTION TO BE COVERED BEFORE SECOND TERM

1.	7	RESPIRATION IN PLANTS
2.	12	MOVEMENT AND LOCOMOTION
3.	13	SKIN- "THE JACK OF ALL TRADES"
4.	14	THE RESPIRATORY SYSTEM

PORTION TO BE COVERED BEFORE THIRD TERM

[ICSE CONCISE BIOLOGY - PART II] [SELINA]

1.	1	CELL
2.	4	ABSORPTION BY ROOTS
3.	5	TRANSPIRATION
4.	6	PHOTOSYNTHESIS
5.	7	CHEMICAL COORDINATION
6	14	HUMAN EVOLUTION
7	16	POLLUTION

ST.THOMAS SCHOOL, DHURWA , RANCHI-04
CHEMISTRY SYLLABUS FOR THE SESSION -2023-24
CLASS-9

1 ST TERM	Chapter- 1-The language of chemistry Chapter-2- The study of gas laws. Chapter-7- Chemical changes and reactions.
2 nd TERM	Chapter- 3-Water Chapter-4-Atomic structure Chapter-6- Hydrogen
3 rd TERM	Chapter- 5 -The periodic table Chapter-8 – Atmospheric pollution Chapter-1- The periodic table (class-10 th 's book) Chapter-2 – Chemical bonding (Class-10 th 's book)

St. Thomas School, Ranchi
Computer Application, Class -IX
Syllabus 2023-24

First Term

- 1) History & Development of Java
 - Compiler & Interpreter
 - Byte Code & JVM
 - BlueJ Vs Java
 - Types of Java Programs
- 2) Tokens
 - Keyword, explain use of final keyword
 - Identifier (rules for Identifier)
 - Literals
 - Assignment
 - Punctuators/Separators
 - Operators
 - ✓ Precedence of Operator with example
- 3) Concept of Data Types
 - Primitive & Non Primitive Data types
 - Explain primitive data types with size and range
- 4) Operators & Expression in java
 - Arithmetical Operator
 - ✓ Unary
 - ✓ Binary
 - ✓ Ternary
 - Relational Operator types with example
 - Logical Operator - types with example
 - Precedence of Operator with example
 - ASCII Vs Unicode Characters
 - Escape Sequence Character with example
- 5) Expression (Pure & Mixed) with example
- 6) Type Conversion (Implicit & Explicit) with example
- 7) Java Packages for Mathematical Function [lang package]
- 8) Input Values using (Scanner Class)
- 9) Decision Making in Java (if,if-else, nested if)
- 10) Switch case(Menu Driven) - Fall through
- 11) Iteration through loops
 - For Loop [empty loop, endless loop etc] & nested for loop
 - While loop
 - Do while loop

Note :-Serial no 9, 10 (Except nested for loop) and 11 already covered in Class VIII. Only needed revision.

- 12) Use of break & continue

Second Term

13) OOPS Concept (Class, Object & Principle of OOP)

14) Methods/ Function

- What is Method? Syntax
- Advantages of Method
- Method Prototype
- Method Signature
- Formal & Actual Parameter
- Pure and Impure Method
- Function Invoking
- Return type (int, char, string , double etc) & void (no return type)
- Call by value (with Example)& call by reference (Without example)
- Instance Variable , Class Variable/Static variable, local variable & parameter variable

15) Method Overloading

Third Term

16) Constructor

- Default Constructor / Non Parameterized Constructor
- Parameterized Constructor

17) Constructor Overloading

18) Use of **this** keyword

19) Revision of 1st & 2nd Term

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SYLLABUS FOR THE ACADEMIC YEAR (2023 - 2024)

CLASS: 9

SUBJECT: ECONOMIC APPLICATIONS

PORTION OF THE FIRST TERMINAL EXAMINATION

- ❖ Previous year's (Class 8th's) book to be used (Frank Certificate Economic Applications – Class IX by D.K.Sethi)
- Chapter 8: The Sectors of the Indian Economy
- Chapter 10: Infrastructure of the Indian Economy
- Chapter 11: Social Infrastructure of the Indian Economy

PORTION OF THE SECOND TERMINAL EXAMINATION

- ❖ Prescribed Book: Frank Certificate Economic Applications – Class X by D.K.Sethi
- Chapter 1: Demand : Law of Demand and Determinants of Demand
- Chapter 2: Supply : Law of Supply and Determinants of Supply
- Chapter 3: Elasticity of Demand and Supply

PORTION OF THE ANNUAL EXAMINATION

- Chapter 4: Factors of Production: Land and Labour
- Chapter 5: Factors of Production: Capital and Entrepreneur
- Chapter 6: Forms of Market Structure

&

The entire portion of the Second Terminal Examination.

Prescribed Book : 1. FRANK CERTIFICATE ECONOMIC APPLICATIONS
CLASS IX BY D.K.SETHI

Publisher : FRANK BROS. & CO. (PUBLISHERS) LTD.

2. FRANK CERTIFICATE ECONOMIC APPLICATIONS
CLASS X BY D.K.SETHI

Publisher : FRANK BROS. & CO. (PUBLISHERS) LTD.

ST. THOMAS SCHOOL, DHURWA, RANCHI-4
SUBJECT - ENGLISH LANGUAGE&LITERATURE
WEEK& TERMWISE SYLLABUS [2023-24] STD -IX

Prescribed Books:

ENGLISH LITERATURE:

- 1) JULIUS CAESAR by William Shakespeare
- 2) ICSE - TREASURE CHEST (A Collection of ICSE Poems and Short Stories)

ENGLISH LANGUAGE:

- 1) Total English - 9

FIRST TERM (20TH March,2023 to 15th July,2023)

WEEK	DATE	CHAPTER/TOPIC
1 ST	13/3/23 to 17/3 23	English Language Module
2 ND	20/3/23 to 24/3/23	English Language Module (continued..)
3 RD	27/3/23 to 31/3/23	Total English - 9 Grammar (P.P - 1 to 3)
4 TH	3 rd & 5 th April 2023	Total English - 9 Grammar(P.P- 4,5)
5 TH	11/4/23 to 13/4/23	The Night Mail- by W.H. Auden
6 TH	17/ 4/23 to 2023	The Night Mail (continued.....) Bonku Babu's Friend - by Satyajit Ray
7 TH	24/4/23 to 28/4/23	Bonku babu's Friend (continued ..) Notice & email to be introduced.
8 TH	1 st to 5 th May 2023	Notice &email (continued ...) Julius Caesar - Act 1 Scene1
9 TH	8/5 /23 to 12/5/23	Julius Caesar (continued) Aural Passage 1&2
10 TH	13 th to 17 th	Skimblehanks - The Railway Cat by

	June 2023	T.S Eliot.
11th	19/6/ 23 to 24/6/23	Oliver Asks For More - Charles Dickens
12th	26/6/23 to 30/6/23	Revision

English Language (Total English -9) Test Paper: 2 to 5

Test Paper 2 - Grammar +Essay + Letter (formal)

Test Paper 3 - Grammar + Letter (informal) + Notice & email

Test Paper 4 - Grammar + Comprehension Passage

SECOND TERM (17TH July, 2023 to 9th November, 2023)

WEEK	DATE	CHAPTER/TOPIC
1st	17/7/23 to 22/7/23	Distribution of Answer sheets & I Remember, I Remember - by Thomas Hood
2nd	24/7/23 to 28/7/23	Julius Caesar Act 1 Scene 2
3rd	31/7/23 to 4/8/23	Julius Caesar Act 1 Scene 2 (continued..)
4th	7/8/23 to 11/8/23	Julius Caesar Act 1 Scene 2 (continued..)
5th	14/8/23 to 19/8/23	Julius Caesar Act 1 Scene 2 (continued..)
6th	21/8/23 to 26/8/23	The Model Millionaire - by Oscar Wilde Aural Passage 3 &4
7th	28/8/23 to 1/9/23	The Doctor's Journal Entry for August 6th 1945 - Vikram Seth
8th	4/9/23 to 8/9/23	The Doctor's Journal Entry for August 6th, 1945 - Vikram Seth (continued..)
9th	11/9/23 to 15/9/23	Homecoming - by Rabindranath Tagore Revise Notice/email &Precis from Comprehension passage
10th	18/9/23 to	Julius Caesar Act 1 Scene 3

	22/9/23	
11 th	26/9/23 to 30/9/23	Julius Caesar Act 1 Scene 3(continued..)
12 th	3/10/23 to 6/10/23	Julius Caesar Act 2 Scene 1 Revision of Essay/Letter/Comprehension passage/Email/Notice
13 th	9/3/23 to 13/9/23	Julius Caesar Act 2 Scene 1(continued...) Revision
14 th	16 th &17 th October 23	Revision

English language (Total English - 9) Test Paper: 6 to 10

Test Paper 6 - Grammar + Essay

Test Paper 7 - Grammar + Letter (Formal + Informal)

Test Paper 8 - Grammar + Notice & email

Test Paper 9 - Grammar + Comprehension Passage

TestPaper10 - Grammar + Essay + Notice & email

THIRD TERM (10TH November to 23RD February 2024)

WEEK	DATE	CHAPTER/TOPIC
1 ST	10 TH &11 TH November23	Distribution of Answer scripts
2 ND	16 th &18 th November23	Julius Caesar Act 2 Scene 1
3 RD	21/11/23 to 24/11/23	Julius Caesar Act 2 Scene 1(continued...)
4 TH	28/11/23 to 1/12/23	Julius Caesar Act 2 Scene 1(continued...)
5 TH	4/12/23 to 7/12/23	Julius Caesar Act 2 Scene1 (continued...)
6 TH	11/12/23 to 15/12/23	A Work of Artifice - by Marge Piercy
7 TH	18/12/23 to 20/12/23	Grammar revision/Essay/Letter/Aural passage 5

8TH	4th & 5th January 2024	The Boy Who Broke the Bank - by Ruskin Bond
9TH	8/1/2024 to 12/1/2024	The Boy Who Broke the Bank(continued)
10TH	16/1/2024 to 19/1/2024	Julius Caesar Act 2 Scene 2
11TH	22/1/23 to 25/1/23	Julius Caesar Act 2 Scene 2 (continued...) Scene 3 to begin
12TH	29/2/23 to 2/2/23	Julius Caesar Act 2 Scene 4
13TH	5/2/23 to 7/2/23	Revise precis writing from Comprehension passage & revision of Literature

English Language (Total English -9) Test Paper: 11

to 15 Test Paper 11 - Grammar + Essay

Test Paper 12 - Grammar + Letter (Formal+

Informal) Test Paper 13 - Grammar + Notice

& Email

Test Paper 14 - Grammar + Comprehension

Passage Test Paper 15 - Grammar + Essay

+ Notice & Email

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SESSION – (2023 – 2024)

Geography Syllabus of Std. 9

FIRST TERM : 13th April to 15th July,2023

SL No.	Chapter No.	Chapter Name
1.	Chapter 11	The Atmosphere
2.	Chapter 12	Insolation
3.	Chapter 13	Atmospheric Pressure and Winds
4.	Chapter 14	Humidity and Precipitation
5.	Chapter 7	Volcanoes
6.	Chapter 8	Earthquakes
7.	☆☆	World Map and Project

SECOND TERM : 17th July to 9th November, 2023

SL No.	Chapter No.	Chapter Name
1.	Chapter 1	Earth as a Planet
2.	Chapter 2	Geographic Grid : Latitudes and Longitudes
3.	Chapter 3	Rotation and Revolution
4.	Chapter 4	Structure of the Earth
5.	Chapter 5	Landforms of the Earth
6.	Chapter 6	Materials of the Earth's Crust - Rocks
7.	☆☆	World Map and Project

THIRD TERM : 10th November,2023 to 23rd February, 2024.

SL No.	Chapter No.	Chapter Name
1.	Chapter 9	Weathering and Denudation
2.	Chapter 10	Hydrosphere
3.	Chapter 15	Types of Pollution
4.	Chapter 16	Sources of Pollution
5.	Chapter 17	Effects of Pollution
6.	Chapter 18	Natural Regions of the World
7.	Chapter 2	Geographic Grid : Latitudes and Longitudes (Repeated)
8.	Chapter 14	Humidity and Precipitation (Repeated)
9.	☆	World Map.

VICE-PRINCIPAL

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SYLLABUS FOR CLASS-IX MATHEMATICS

SESSION: 2023-2024

FIRST TERM

S. No.	Chapter No.	Chapter Name
1.	CH-3	COMPOUND INTEREST (USING FORMULA)
2.	CH-6	SIMULTANEOUS LINER EQUATION
3.	CH-7	INDICES
4.	CH-8	LOGARITHIM
5.	CH-12	MID POINT THEOREM AND ITS CONVERSE
6.	CH-14	RECTILINEAR FIGURES
7.	CH-18	STATISTICS
8.	CH-19	MEAN AND MEDIAN (FOR UNGROUPED DATA)
9.	CH-26	CO-ORDINATE GEOMETRY

SECOND TERM

S. No.	Chapter No.	Chapter Name
1.	CH-16	AREA THEOREM
2.	CH-17	CIRCLE
3.	CH-22	TRIGONOMETRICAL RATIOS
4.	CH-23	TRIGONOMETRICAL RATIOS OF STANDARD ANGLES
5.	CH-24	SOLUTION OF RIGHT TRIANGLES
6.	CH-25	COMPLIMENTARY ANGLES
7.	CH-27	GRAPHICAL SOLUTIONS
8.	CH-28	DISTANCE FORMULA

THIRD TERM

S. No.	Chapter No.	Chapter Name
1.	CH-4	LINEAR INEQUATIONS IN ONE VARIABLE
2.	CH-5	QUADRATIC EQUATIONS
3.	CH-7	RATIO AND PROPORTIONS
4.	CH-8	REMAINDER AND FACTOR THEOREM
5.	CH-12	REFLECTION
6.	CH-13	SECTION AND MIDPOINT FORMULA
7.	CH-14	EQUATION OF A LINE

PHYSICS SYLLABUS
Class : IX (2023-2024)

FIRST TERMINAL

- Chapter-1 : Experimentation and Measurement
- Chapter-2 : Motion in one dimension
- Chapter-3 : Laws of Motion
- Chapter-4 : Pressure in fluids and Atmospheric pressure

SECOND TERMINAL

- Chapter-5 : Upthrust in fluids, Archimedes' principle and flotation
- Chapter-10 : Magnetism
- Chapter-6 : Heat and energy
- Chapter-7 : Reflection of light
- Chapter-1 : Force (From Xth Book)

THIRD TERMINAL

- Chapter-8 : Sound (IX)
- Chapter-9 : Electricity (IX)
- Chapter-7 : Sound (X)
- Chapter-8 : Electricity (X)
- Chapter-2 : Work, Energy and Power (X)

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TERMWISE SYLLABUS – 2023 - 2024

CLASS - 9

SUBJECT: HISTORY & CIVICS

Lesson No.	Name of the Lesson
FIRST TERM	
CIVICS	
1	Our Constitution
2	Salient Features of the Constitution I
HISTORY	
4	The Mauryan Empire
5	The Sangam Age
6	The Age of the Guptas
7	Medieval India – (A) The Cholas
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SECOND TERM	
CIVICS	
3	Salient Features of the Constitution II
4	Elections
HISTORY	
10	Medieval India – (D) Composite Culture
11	The Modern Age in Europe – (A) Renaissance
12	The Modern Age in Europe – (B) Reformation
13	The Modern Age in Europe – (C) Industrial Revolution
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THIRD TERM	
CIVICS (STD X BOOK)	
1	I The Union Legislature – The Union Parliament
2	II The Union Executive - The President and the Vice-President
HISTORY (STD X BOOK)	
I THE INDIAN NATIONAL MOVEMENT (1857 -1917)	
1	The First War of Independence, 1857
2	Growth of Nationalism
III THE CONTEMPORARY WORLD	
10	The First World War
11	Rise of Dictatorship

संत थॉमस स्कूल धुर्वा, राँची
सत्र -2023-2024
हिंदी पाठ्यक्रम
कक्षा- 9

निर्धारित पुस्तकें:

- 1.साहित्य सागर आईसीएसई एवरग्रीन पब्लिकेशन
गद्य एवं पद्य भाग
2. साहित्य सागर अभ्यास पुस्तिका
3. सरस हिंदी व्याकरण एवरग्रीन पब्लिकेशन

प्रथम आवधिक पाठ्यक्रम
(13 जुलाई से 15 जुलाई)

साहित्य सागर (गद्य)-

- पाठ1. बात अठन्नी की (सुदर्शन)
- पाठ 2.काकी (सियाराम शरण गुप्त)

साहित्य सागर (पद्य)-

1. साक्षी (कबीरदास)
2. गिरधर की कुंडलियाँ (गिरिधर कविराय)

व्याकरण

प्रस्ताव, पत्र -औपचारिक पत्र,अनौपचारिक पत्र, अपठित गद्यांश
शब्द भंडार, काल, मुहावरे, विशेषण, भाववाचक संज्ञा अशुद्धि शोधन, शब्द, वाक्य एवं वाक्य भेद, वाच्य, लिंग,
वचन आदि पर आधारित बहुवैकल्पिक प्रश्नों का अभ्यास।

प्रथम आवधिक परीक्षा - (3 जुलाई से 15 जुलाई)

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द्वितीय आवधिक पाठ्यक्रम
(17 जुलाई से 17 अक्टूबर)

साहित्य सागर (गद्य):

- पाठ 3. महायज्ञ का पुरस्कार (यशपाल)
पाठ 4. नेताजी का चश्मा (स्वयं प्रकाश)

साहित्य सागर (पद्य):

- पाठ 3. स्वर्ग बना सकते हैं (रामधारी सिंह दिनकर)
पाठ 4. वह जन्मभूमि मेरी (सोहनलाल द्विवेदी)

व्याकरण

प्रस्ताव, पत्र -औपचारिक पत्र, अनौपचारिक पत्र, अपठित गद्यांश, शब्द- भंडार, काल, भाववाचक संज्ञा, मुहावरे, लोकोक्ति, विशेषण, शब्द विचार, वाक्य विचार, वाच्य परिवर्तन, लिंग एवं वचन, अशुद्धि शोधन आदि पर आधारित बहुवैकल्पिक प्रश्नों का अभ्यास

द्वितीय आवधिक परीक्षा (27 अक्टूबर से 9 नवंबर)

वार्षिक पाठ्यक्रम
(10 नवंबर से 7 फरवरी)

साहित्य सागर (गद्य):

पाठ 5. अपना अपना भाग्य (जैनेंद्र कुमार)

पाठ 6. बड़े घर की बेटी (प्रेमचंद)

साहित्य सागर (पद्य):

पाठ 5. मेघ आए (सर्वेश्वर दयाल सक्सेना)

पाठ 6. सूर के पद (सूरदास)

व्याकरण

प्रस्ताव, पत्र -औपचारिक, अनौपचारिक, अपठित गद्यांश, शब्द सुविचार, विशेषण, भाववाचक संज्ञा, काल, अशुद्धि शोधन, मुहावरे, लोकोक्ति, शब्द एवं वाक्य विचार, वाच्य परिवर्तन, लिंग एवं वचन पर आधारित प्रश्नों का अभ्यास

वार्षिक परीक्षा (9 फरवरी से 23 फरवरी 2024)