

AG  
SAINT JOSEPH  
SCHOOL, GOKULNAGAR

SYLLABUS  
2022-2023

CLASS IX

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**SAINT JOSEPH SCHOOL, GOKULNAGAR**  
**SYLLABUS [2022-2023]**

CLASS - IX

SUB: MATHEMATICS

EXAMINATION		NAME OF THE CHAPTERS
<b>HELP YEARLY EXAMINATION</b>	UNIT - I	Ch. 1: Rational and Irrational Numbers
		Ch. 2: Compound Interest (Without Using Formula)
		Ch. 3: Compound Interest (Using Formula)
	TERM - I	Ch. 4: Expansions
		Ch. 5: Factorisation
		Ch. 9: Triangles (Congruency in Triangles)
		Ch. 10: Isosceles Triangles
		Ch. 11: Inequalities
		Ch. 12: Mid-point Theorem and Its Converse (Including intercept Theorem)
		Ch. 18: Statistics
		Ch. 20: Area and Perimeter of Plane Figures
		Ch. 22: Trigonometrical Ratios (Sine, Cosine, Tangent of an Angle and their Reciprocals)
		Ch. 23: Trigonometrical Ratios of Standard Angles (Including Evaluation of an Expression Involving Trigonometric Ratios)
Ch. 26: Co-ordinate Geometry		
<b>ANNUAL EXAMINATION</b>	UNIT - II	Ch. 6: Simultaneous (Linear) Equations (Including Problems)
		Ch. 7: Indices (Exponents)
		Ch. 19: Mean and Median (For Ungrouped Data Only)
	TERM - II	Ch. 8: Logarithms
		Ch. 13: Pythagoras Theorem (Proof and Simple Applications with Converse)
		Ch. 14: Rectilinear Figures (Quadrilaterals: Parallelogram, Rectangle, Rhombus, Square and Trapezium)
		Ch. 15: Construction of Polygons (Using Ruler and Compass Only)
		Ch. 16: Area Theorems (Proof and Use)
		Ch. 17: Circle
		Ch. 21: Solids (Surface Area and Volume of 3-D Solids)
		Ch. 24: Solution of Right Triangles
		Ch. 25: Complementary Angles
		Ch. 27: Graphical Solution (Solution of Simultaneous Linear Equations, Graphically)
Ch. 28: Distance Formula		

## SYLLABUS

### SUB: ENGLISH LITERATURE, CLASS: IX

EXAMINATION	NAME OF THE CHAPTER	
HALF YEARLY EXAMINATION	UNIT-I	<p style="text-align: center;"><b>POETRY</b></p> <ol style="list-style-type: none"> <li>1. The Heart of the Tree</li> <li>2. The Cold Within</li> <li>3. The Bangle Sellers</li> </ol> <p style="text-align: center;"><b>SHORT STORIES</b></p> <ol style="list-style-type: none"> <li>1. Chief Seattle's Speech</li> <li>2. Old Man at the Bridge</li> <li>3. A Horse and Two Goats</li> </ol> <p style="text-align: center;"><b>DRAMA</b></p> <ol style="list-style-type: none"> <li>1. The Merchant of Venice</li> </ol> <p style="text-align: center;"><b>Act I: and Acts II</b></p>
	TERM-I	<p style="text-align: center;"><b>POETRY</b></p> <ol style="list-style-type: none"> <li>4. After Blenheim</li> <li>5. Television</li> <li>6. Daffodils</li> <li>7. I know why the Cage Bird Sings</li> </ol> <p style="text-align: center;"><b>SHORT STORIES</b></p> <ol style="list-style-type: none"> <li>4. Hearts and Hands</li> <li>5. A Face in the Dark</li> <li>6. An Angel in Disguise</li> <li>7. The Little Match Girl</li> </ol> <p style="text-align: center;"><b>DRAMA</b></p> <ol style="list-style-type: none"> <li>2. The Merchant of Venice</li> </ol> <p style="text-align: center;"><b>Act III and Acts IV and Act V</b></p>
ANNUAL EXAMINATION	UNIT-II	<p style="text-align: center;"><b>POETRY</b></p> <ol style="list-style-type: none"> <li>8. The Patriot</li> <li>9. About Ben Adhem</li> <li>10. Nine Gold Medals</li> </ol> <p style="text-align: center;"><b>SHORT STORIES</b></p> <ol style="list-style-type: none"> <li>8. The Blue Bead</li> <li>9. My greatest Olympic Prize</li> <li>10. All Summer in a Day</li> </ol> <p style="text-align: center;"><b>DRAMA</b></p> <ol style="list-style-type: none"> <li>3. The Merchant of Venice</li> </ol> <p style="text-align: center;"><b>Act V</b></p>
		<b>FULL SYLLABUS</b>

## SYLLABUS

**SUB: ENGLISH LANGUAGE, CLASS: IX**

EXAMINATION	NAME OF THE CHAPTER	
HALF YEARLY EXAMINATION	UNIT-I	<ol style="list-style-type: none"> <li>1. Sentence and Kinds of Sentence</li> <li>2. Articles</li> <li>3. Pre position</li> <li>4. Tenses and sequences of tenses</li> <li>5. Composition and Comprehension and Picture Composition</li> </ol>
	TERM-I	<ol style="list-style-type: none"> <li>6. Letter Writing: Formal and Informal</li> <li>7. Types of letter writing                             <ol style="list-style-type: none"> <li>a. Letter to News papers</li> <li>b. Personal Letters</li> <li>c. Letter to invite</li> <li>d. Letters of Complaints</li> <li>e. Letters of Apology and Explanation</li> <li>f. Letters of Persuasion</li> </ol> </li> <li>8. Transformation of Sentences</li> <li>9. Re-write the following sentences according to the instructions given after each. Make other changes that may be necessary, but do not change the meaning of each sentence.</li> <li>10. Join the following sentences to make one complete sentence without using and, but or so.</li> <li>11. Fill in the blanks with appropriate words:</li> <li>12. In the following passage, fill in each of the numbered blanks with the correct form of the word given in brackets. Do not copy the passage, but write in correct serial order the word or phrase appropriate to the blank space.</li> <li>13. Story Writing                             <ol style="list-style-type: none"> <li>a. Paragraph</li> <li>b. Essays and types of essays</li> <li>c. Summery Writing</li> <li>d. Selective Writing</li> <li>e. Factual Writing</li> <li>f. Humours Writing</li> </ol> </li> </ol>
	UNIT-II	<ol style="list-style-type: none"> <li>14. Direct and Indirect Speech</li> <li>15. Active Voice and Passive voice</li> </ol>
ANNUAL EXAMINATION	<b>FULL SYLLABUS</b>	

# ENGLISH (01)

## CLASS IX

There will be **two** papers:

Paper 1: English Language;

Paper 2: Literature in English.

Each of these papers will be of **two hours** duration.

**Paper 1:** English Language (80 Marks)  
Internal Assessment (20 Marks)

**Paper 2:** Literature in English (80 Marks)  
Internal Assessment (20 Marks)

### PAPER 1 - ENGLISH LANGUAGE

(Two hours) - 80 Marks

Five questions will be set, all of which will be compulsory.

**Question 1:** Candidates will be required to write a composition of about **300–350** words from a choice of subjects which will test their ability to: Organise, describe, narrate, report, explain or present ideas coherently with accuracy and precision, compare and contrast ideas and arrive at conclusions and use correct style and format.

The subjects will be varied and may be suggested by language or by other stimuli such as pictures. The subjects will be so chosen so as to allow the candidates to draw on first-hand experience or to stimulate their imagination.

With one subject, a number of suggestions about the content of the composition will be given, but the use of the suggestions will be optional and a candidate will be free to treat the subject in any way that he/she chooses.

The organisation of subject matter, syntax, punctuation, correctness of grammatical constructions and spelling will be expected to be appropriate to the mode of treatment required by the subject.

**Question 2:** Candidates will have to write a letter from a choice of two subjects requiring either a formal or an informal mode of treatment. Suggestions regarding the content of the letter may be given. The layout of the letter with address, introduction, conclusion, etc., will form part of the assessment. Special attention must be paid to the format of the letter with emphasis on vocabulary appropriate to the context.

**Question 3:** Candidates will be given a specific situation and will be required to:

- Write the text for a notice based on given directions.
- Write an e-mail on the same content as the notice.

**Question 4:** An unseen prose passage of about **450** words will be given. Uncommon items of vocabulary, or structure will be avoided. One question will be set to test vocabulary. Candidates will be required to show an understanding of the words/phrases in the context in which they have been used.

A number of questions requiring short answers will also be asked on the passage. These questions will test the candidates' ability to comprehend the explicit content and organisation of the passage and to infer information, intention and attitude from it.

The last question will consist of a summary that will test the candidates' ability to distinguish main ideas from supporting details and to extract salient points to re-write them in the form of a summary. Candidates will be given clear indications of what they are to summarise and of the length of the summary.

**Question 5:** There will be a number of short answer questions to test the candidates' knowledge of **functional** grammar, structure and use of the language.

All the items in this question will be compulsory. They will consist of correct use of prepositions, verbs and transformation of sentences.

## PAPER 2 - LITERATURE IN ENGLISH

(Two hours) - 80 Marks

Candidates will be required to answer five questions from the prescribed textbooks, which include Drama, Prose (Short Stories) and Poetry.

### *Drama and Prose (Short Stories)*

Questions set will be central to the text. Candidates will be required to show that they have understood the passage and are able to clearly give their interpretation of the questions set, which should be in their own words and relevant to the text.

Excerpts may be given from the drama and prose texts leading to questions on the specific book.

### *Poetry*

A poem, or passages from poems, will be given and questions will be set to test the candidates' response to the poem. The questions will focus on the content, understanding and the personal response of candidates to the poem as a whole.

**NOTE:** *The Class IX examination will be conducted on the portion of this syllabus that is to be covered during the academic year.*

### Syllabus to be covered in Class IX

#### 1. THE MERCHANT OF VENICE (Shakespeare's unabridged play by *A.W. Verity*)

**Drama:** *Act 1 – Scenes 1, 2 & 3, Act 2 – Scenes 1 to 9, Act 3 – Scene 1 ONLY.*

**TREASURE TROVE - A collection of ICSE  
Poems and Short Stories** (Evergreen Publications)

#### 2. POETRY:

- (i) *The Cold Within* – James Patrick Kinney
- (ii) *The Bangle Sellers* – Sarojini Naidu
- (iii) *After Blenheim* – Robert Southey
- (iv) *Television* – Roald Dahl
- (v) *Daffodils* – William Wordsworth

#### 3. PROSE (Short Stories):

- (i) *Old Man at the Bridge* – Ernest Miller Hemingway
- (ii) *A Horse and Two Goats* – R.K. Narayan
- (iii) *Hearts and Hands* – O. Henry
- (iv) *A Face in the Dark* – Ruskin Bond
- (v) *An Angel in Disguise* – T.S. Arthur

*\* Please note that the Class X - ICSE Examination paper will be set on the entire syllabus prescribed for the subject.*

*Note: For list of prescribed text-books see Appendix-I.*

## INTERNAL ASSESSMENT

### Paper 1 - English Language

1. Schools will prepare, conduct and record assessments of the **Listening and Speaking Skills** of candidates as follows:

*Three assessments are to be done in the course of the year.*

#### 2. Pattern of Assessment

##### a) Listening Skills

A passage of about 300 words is read aloud by the examiner *twice*, the first time at normal reading speed (about 110 words a minute) and the next time at a slower speed. Candidates may make brief notes during the readings. They then answer an objective type test based on the passage, on the paper provided.

The recommended number of candidates at a sitting is 30.

##### b) Speaking Skills

Each candidate is required to make an oral presentation for about two minutes, which will be followed by a discussion on the subject with the examiners, for about three minutes.

Subjects for presentation may include narrating an experience, providing a description, giving directions how to make or operate something, expressing an opinion, giving a report, relating an anecdote or commenting on a current event.

A candidate may refer to brief notes in the course of the presentation but reading or excessive dependence on notes will be penalized.

It is recommended that candidates be given an hour for preparation of their subject for presentation and that they be given a choice of subject, on a common paper.

### EVALUATION

The assessment will be conducted by the subject teacher.

**Award of Marks** (20 Marks)

Listening Skills: 10 marks

Speaking Skills: 10 marks

Schools are required to maintain a record of all assessments conducted in **Listening and Speaking Skills**. These include copies of the assessment tests,

topics for presentation and marks awarded. The record will be maintained for a period of 2 months after the ICSE (10) examinations of the candidates concerned.

### **Paper 2 - Literature in English**

Schools will set, assess and record written assignments by the candidates as given below:

*Two or three assignments of approximately 300 to 400 words each.*

### **SUGGESTED ASSIGNMENTS**

Assignments should be based on the prescribed textbooks on the following lines:

- (i) Character/thematic analysis;
- (ii) Socio-economic, cultural, historical relevance / background;
- (iii) Summary / paraphrase.
- (iv) Appreciation of literary qualities.
- (v) Identifying with a character. Putting oneself in the place of a character in given circumstances and explaining one's actions.
- (vi) Imagine alternative outcomes or endings in a literary piece and the effect on all concerned.

### **EVALUATION**

The assignments/projects are to be evaluated by the subject teacher.

**INTERNAL ASSESSMENT IN ENGLISH LANGUAGE-GUIDELINES FOR MARKING WITH GRADES - AURAL ASSIGNMENT (CLASSES IX & X)**

Grade	Understanding/ Comprehension Main Idea, Central Theme	Recall	Vocabulary	Context/ Correlation to Other Areas	Marks
I	The candidate accurately understands the central idea of the passage as well as the relevant points in the selected passage/ talk.	The candidate recalls all the important points made (written/ verbal).	The candidate uses appropriate and correct vocabulary while recalling the points made.	The candidate clearly understands the context and can widely correlate the passage to the other areas.	3
II	The candidate gives ideas fairly close to the central / main idea of the passage as well as understands some of the relevant points heard in the selected passage/ talk.	The candidate recalls some of the important points made (written/ verbal).	The candidate uses correct but simple vocabulary while recalling the points made.	The candidate can moderately understand the context of the passage and can moderately correlate the passage to the other areas.	2
III	The candidate cannot fully comprehend the passage and gives only a few ideas related to the central theme of the passage.	The candidate recalls very few of the important points made (written/verbal).	The candidate makes various errors in vocabulary while recalling the points made.	The candidate can only faintly understand the context of the passage and relate it to the other areas.	1
IV	The candidate is neither able to understand the central/main idea of the passage; nor able to understand relevant points heard in the passage/talk.	The candidate is unable to recall the important points made (written/verbal)	The candidate uses incorrect vocabulary while recalling the points made.	The candidate is unable to understand the context of the passage and is unable to correlate the passage to the other areas.	0



**INTERNAL ASSESSMENT IN ENGLISH LANGUAGE - GUIDELINES FOR MARKING WITH GRADES - ORAL ASSIGNMENT (CLASSES IX & X)**

Grade	Fluency of Language	Subject Matter	Organization	Vocabulary/ Delivery	Understanding	Gestures	Marks
I	Speaks with fluency and has full operational command over the language.	Matter is relevant, rich in content and original.	Content is well sequenced and well organized.	Uses appropriate vocabulary and pronounces words correctly.	While speaking, the candidate emphasizes the important points.	Uses natural and spontaneous gestures that are not out of place.	3
II	The candidate speaks with fairly good fluency and has reasonable operational command of the language.	The subject matter is mostly relevant, consisting of a few original ideas.	The content is satisfactorily sequenced and well organized.	The candidate pronounces most words correctly and uses simple vocabulary.	While speaking, the candidate emphasizes most important points.	Uses some natural gestures.	2
III	The candidate speaks with poor fluency and does not communicate except for the most basic information.	The subject matter is irrelevant and lacks originality.	The subject content is very poor and lacks organisational structure.	The candidate pronounces many words incorrectly and uses inappropriate vocabulary.	While speaking, the candidate emphasizes some important points.	Uses very few natural gestures.	1
IV	The candidate cannot communicate even the most basic information.	The subject matter is negligible.	The subject content comprises of mere words with no structured sentences.	The candidate is unable to correctly pronounce most words and has a limited vocabulary.	While speaking, the candidate is unable to emphasize important points.	Uses no natural gestures.	0

**INTERNAL ASSESSMENT IN LITERATURE IN ENGLISH -GUIDELINES FOR MARKING WITH GRADES (CLASSES IX & X)**

Grade	Understanding of Text (Narrative)	Examples from Text	Understanding of text- Interpretation and Evaluation	Appreciation of Language, Characterization	Critical Appreciation - Personal Response	Marks
I	The candidate demonstrates expertise in giving an appropriate account of the text, with well-chosen reference to narrative and situation.	The account is suitably supported by relevant examples from the text.	The candidate understands the text with due emphasis on interpretation and evaluation.	The candidate appreciates and evaluates significant ways (structure, character, imagery) in which writers have achieved their effects.	The candidate is able to effectively reflect personal response (critical appreciation) to the text.	4
II	The candidate demonstrates a high level of competence in giving an account of the text, with appropriate references to the narrative and situation.	The account is supported by examples from the text.	The candidate understands text with some emphasis on interpretation and evaluation.	The candidate appreciates and evaluates significant ways in which writers have achieved their effects.	The candidate is able to reflect a personal response to the text.	3
III	The candidate demonstrates competence in giving an account of the text with some reference to the narrative and situation.	The candidate understands the text and shows a basic recognition of the theme and can support it by a few examples.	The candidate recognizes some aspects of the text used by authors to present ideas.	The candidate recognizes some of the significant ways in which the writers have used the language.	The candidate is able to communicate a personal response, which shows appreciation.	2
IV	The candidate gives a broad account of the text with reference to the narrative and situation.	The candidate understands the basic meaning of the text.	The candidate relates the text to other texts studied.	The candidate recognizes differences in the way authors write.	The candidate communicates a straightforward personal response to the text.	1
V	The candidate is unable to demonstrate an understanding of the basic events in the text.	The candidate is unable to understand the text or support it with any examples.	The candidate is unable to relate the text to the other texts studied.	The candidate is unable to recognize the differences in the way authors write.	The candidate is unable to give a personal view of the text studied.	0

সেইন্ট যোসেফ স্কুল  
পাঠ্যক্রম-(২০২২-২০২৩)ইং

বিষয়:- বাংলা

শ্রেণী:- নবম

পরীক্ষা	অধ্যায়
প্রথম একক	ছোটগল্প:- ১. গিন্নি কবিতা:- ১.বঙ্গভূমির প্রতি ব্যাকরণ:- সাধু ও চলিত ভাষা,
ষান্মাসিক	ছোটগল্প:- ২.লালু ৩.বামা কবিতা:-২. সভ্যতার প্রতি ৩.কুলি- মজুর ব্যাকরণ:- সন্ধি, লিঙ্গ,ধ্বন্যাঅক অব্যয়,বাক্য পরিবর্তন রচনা:- অনির্দিষ্ট চিঠি:- অনির্দিষ্ট বোধপরীক্ষণ:- অনির্দিষ্ট
দ্বিতীয় একক	ছোটগল্প:- ৪.ক্যানভাসার কবিতা:- ৪.আবার আসিব ফিরে ব্যাকরণ:- শব্দদ্বৈত, প্রত্যয়, বিপরীতার্থক শব্দ,
বার্ষিক	ছোটগল্প:- ৫.নাম ৬.অসহযোগী কবিতা:- ৫. সিঁড়ি, ৬.রবীন্দ্রনাথের প্রতি ব্যাকরণ:- উপসর্গ,বাক্য-সংকোচন,বাচ্য- পরিবর্তন, বাগধার, ছেদ চিহ্ন ও যতি চিহ্ন,অশুদ্ধি- সংশোধন। রচনা:- অনির্দিষ্ট চিঠি:- অনির্দিষ্ট বোধপরীক্ষণ:- অনির্দিষ্ট

**SAINT JOSEPH SCHOOL, GOKULNAGAR**  
**SYLLABUS [2022-2023]**

**CLASS - IX**

**SUB: CHEMISTRY**

<b>EXAMINATION</b>		<b>NAME OF THE CHAPTERS</b>
<b>HELP YEARLY EXAMINATION</b>	<b>UNIT - I</b>	<b>Ch. 1: The Language of Chemistry</b>
		<b>Ch. 2: Chemical changes and Reactions</b>
	<b>TERM - I</b>	<b>Ch. 3: Water</b>
		<b>Ch. 4: Atomic Structure and Chemical Bonding</b>
<b>ANNUAL EXAMINATION</b>	<b>UNIT - II</b>	<b>Ch. 5: The Periodic Table</b>
		<b>Ch. 6: Study of the First Element - Hydrogen</b>
	<b>TERM - II</b>	<b>Ch. 7: Study of Gas Laws</b>
		<b>Ch. 8: Atmospheric Pollution.</b>

**SAINT JOSEPH SCHOOL  
GOKULNAGAR**

**SYLLABUS FOR CLASS IX (2022-2023)  
SUBJECT: GEOGRAPHY**

EXAMINATION		NAME OF THE CHAPTERS
<b>H A L F  Y E A R L Y</b>	Unit Test 1	Chapter 1: The Earth as a Planet
		Chapter 2: Geographic Grid Latitudes and Longitudes
		Chapter 3: Rotation and Revolution of the earth
		Chapter 4: Earth's Structure
	Term 1	Chapter 5: Landforms of the Earth
		Chapter 6: Rocks
		Chapter 7: Volcanoes
		Chapter 8: Earthquakes
		Chapter 9: Weathering and Denudation
		Chapter 10: Hydrosphere, Tides and Ocean Currents
<b>A N N U A L</b>	Unit Test 2	Chapter 11: The Atmosphere
		Chapter 12: Insolation
		Chapter 13: Pressure Belts and Types of Winds
		Chapter 14: Humidity
	Term 2	Chapter 15: Pollution and its sources
		Chapter 16: Effects of Pollution
		Chapter 17: Preventive Measures of Pollution
		Chapter 18: Natural Regions of the World-I
		Chapter 19: Natural Regions of the World-II
		Chapter 20: Natural Regions of the World-III

**SYLLABUS FOR CLASS IX –(2022-23)**

**SUBJECT- BIOLOGY**

<b>EXAMINATION</b>		<b>NAME OF THE CHAPTERS</b>
<b>HALF YEARLY EXAM</b>	<b>UNIT TEST I</b>	1.Introducing Biology
	<b>TERM I</b>	2.Cell: The unit of Life 3.Tissues: Plants and Animals Tissues 4.The Flower 5.Pollination and Fertilization 6. Seeds: Structure and Germination 7.Respiration in plants 8.Five kingdom Classification 9.Economic Importance of Bacteria and Fungi 10.Nutrition
<b>FINAL</b>	<b>UNIT TEST II</b>	17.Aids to Health 18.Health organisation
	<b>TERM II</b>	11.Digestive System 12.Skeleton: Movement and Locomotion 13.Skin- The Jerk of All Trades 14.The Respiratory system 15.Hygiene 16.Diseases:Cause and Control 19.Waste Generation and Management

SYLLABUS

SUB: PHYSICS, CLASS: IX

EXAMINATION		NAME OF THE CHAPTER
HALF YEARLY EXAMINATION	UNIT-I	Ch.1: Measurement and experimentation Ch.2: Motion in one dimension <del>Ch.3: Laws of motion</del>
	TERM-I	Ch.4: Pressure in fluids and atmospheric pressure Ch.5: Upthrust in fluids, Archimedes' principle and flotation <i>ch.3: laws of motion.</i>
ANNUAL EXAMINATION	UNIT-II	Ch.7: Reflection of light Ch. 8: Propagation of sound waves Ch.9: Current electricity
	TERM-II	Ch.10: Magnetism

SYLLABUS

SUB: HISTORY, CLASS: IX

EXAMINATION		NAME OF THE CHAPTERS
HALF YEARLY EXAMINATION	UNIT-I	Ch.1: Harappan civilization Ch.2: Early Vedic Civilization Ch.3: The Later Vedic Age Ch.4: India in the 6 <sup>th</sup> century BC: Rise of Jainism and Buddhism
	TERM-I	Ch.5: The Mauryan Empire Ch.6: The Sangam age : Kindgoms and the Social and economic conditions Ch.7: The Age of Guptas Ch.8: South India and the Cholas <u>CIVICS</u> Ch.1: Our Constitution and Its Salient Features Ch.2: Fundamental rights , Fundamental duties and directive principles of state policy
ANNUAL EXAMINATION	UNIT-II	Ch.9: The Delhi sultanate Ch.10: The Mughal Empire Ch.11: The composite culture: Bhakti Movement , Sufism and Influence of Christianity on Indian Society
	TERM-II	Ch.12: The Renaissance Ch.13: The Reformation Ch.14: Industrial Revolution and Capitalism and Socialism <u>CIVICS</u> Ch. 3 Elections and the Election Commission Ch.4: Local self-Government : Rural local institutions Ch.5: Local self-Government : Urban local



# SYLLABUS FOR CLASS-IX (2022- 23)

## SUBJECT: COMPUTER

Examination	Name of the chapters
Half-yearly Examination	Chapter-1: INTRODUCTION TO OBJECT ORIENTED PROGRAMING CONCEPTS
	Chapter-2: ELEMENTARY CONCEPT OF OBJECTS AND CLASSES
	Chapter-3: VALUES AND DATA TYPES
	Chapter-4: OPERATORS IN JAVA
	Chapter-5: INPUT IN JAVA
Final Examination	Chapter-6: MATHEMATICAL LIBRARY METHODS
	Chapter-7: CONDITIONAL CONSTRUTS IN JAVA
	Chapter-8: ITERATIVE CONSTRUCTS IN JAVA
	Chapter-9: NESTED FOR LOOPS
	Chapter-10: COMPUTING AND ETHICS

Syllabus for Class: - IX (2022-2023)

Subject: - Drawing

Half- yearly:-	1. Collage.
	2. Abstract art in Canvas.
	3. Glass Painting.
	4. Jamini Painting.
	5. Modern Art.
Final term:-	6. Dot Art.
	7. Pen Art.
	8. Applied Art. (Advertisement)
	9. Gond Painting