



# SARALA BIRLA PUBLIC SCHOOL



**Birla Knowledge City, Ranchi Purulia Highway  
Village –Ara, P.O.- Mahilong  
Ranchi – 835103, Jharkhand**

## **SYLLABUS**

**STD – XII (SCIENCE)**

**SESSION – 2024-25**

**Name:** \_\_\_\_\_

**UID No. :** \_\_\_\_\_

**Class and Section:** \_\_\_\_\_

**SUBJECT: ENGLISH (301)**

Prescribed Books:	1)	ENGLISH TEXT BOOK (FLAMINGO)- NCERT
	2)	SUPPLEMENTARY READER (VISTAS)- NCERT
<b>Month</b>	<b>Total No. of periods</b>	<b>Lesson/Chapter</b>
April		FLAMINGO-The Last Lesson, My Mother at Sixty-six VISTAS-The Third Level Writing- Notice
May		FLAMINGO- Lost Spring, Deep Water Writing- Article
June		FLAMINGO- Keeping Quiet VISTAS: The Tiger King Writing- Invitations and Replies
July		FLAMINGO- The Rattrap, A Thing of Beauty VISTAS- Journey to the End of the Earth Writing- Application for a Job with Bio-Data or a Resume
August		FLAMINGO- Indigo, Poets and Pancakes VISTAS- The Enemy Writing- Letter to the Editor
September		<b>REVISION</b> HALF YEARLY EXAMS
October		FLAMINGO- The Interview, A Roadside Stand VISTAS- On the Face of It Writing- Report
November		FLAMINGO- Going Places, Aunt Jennifer's Tigers VISTAS- Memories of Childhood
December		Revision
January		Revision

**Syllabus for Term Exams and Periodic Test****TERM-1**

Periodic Test 1	Unseen Passage, Notice writing, The Last Lesson, My Mother at Sixty- Six, The Third Level
Periodic Test 2	Unseen Passage, Article writing, Lost Spring, Keeping Quiet, The Rattrap
Periodic Test 3	Portion taught from the month of April till the month of August

**Half yearly exam- Portion taught from April to August**

DISTRIBUTION OF MARKS

READING SKILLS- 22 MARKS

CREATIVE WRITING SKILLS- 18 MARKS

LITERATURE- 40 MARKS

Assessment of Listening Skills - 05 marks

Assessment of Speaking Skills – 05 Marks

Project Work – 10 marks

**PRE- BOARD 1 AND PRE-BOARD 2****Complete syllabus**

DISTRIBUTION OF MARKS

READING SKILLS- 22 MARKS

CREATIVE WRITING SKILLS- 18 MARKS

LITERATURE- 40 MARKS

Assessment of Listening Skills - 05 marks

Assessment of Speaking Skills – 05 Marks

Project Work – 10 marks

**SUBJECT: PHYSICS (042)**

Prescribed Books:	1)	NCERT Textbook (Part 1 & Part 2)
	2)	New Simplified PHYSICS - S.L. ARORA (Ref Book)
	3)	NCERT Exemplar
	4)	Physics Practical Book – Arihant Publication
<b>Month</b>	<b>Total No. of periods</b>	<b>Lesson/Chapter</b>
April	19	Unit -1 Chapter 1 : Electric Charges And Fields Chapter 2 : Electrostatic Potential And Capacitance
May	15	Unit - 1 Chapter 2 : Electrostatic Potential And Capacitance (Contd.) Unit -2 Chapter 3 : Current Electricity Unit - 3 Chapter 4 : Moving Charges And Magnetism
June	15	Unit – 3 Chapter 4 : Moving Charges And Magnetism (Contd.) Chapter 5 : Magnetism And Matter Unit - 5 Chapter 8 : Electromagnetic Waves
July	22	Unit - 4 Chapter 6 : Electromagnetic Induction Chapter 7 : Alternating Current Unit - 6 Chapter 9 : Ray Optics And Optical Instruments
August	19	Unit - 6 Chapter 9 : Ray Optics And Optical Instruments (Contd.) Chapter 10: Wave Optics
September	24	Revision + Half Yearly Exam
October	14	Unit - 6 Chapter 10: wave Optics (Contd.) Unit - 7 Chapter 11 : Dual Nature Of Radiation And Matter Unit- 8 Chapter 12 : Atoms Chapter 13 : Nuclei Unit – 9 Chapter 14 : Semiconductor ,Electronics : Materials, Devices and simple circuits (Contd.) Revision+ Pre-Board 1
November	15	Unit - 9 Chapter 14 : Semiconductor ,Electronics : Materials, Devices and simple circuits Revision+ Pre-Board 1
December		Revision + Pre-Board 2
January		Pre-Board 3
February		Board Practical Exam
March		Board Exam

<b>Syllabus for Term Exams and Periodic Test</b>	
<b>PERIODIC TEST-1 &amp; 2</b>	
Periodic Test	I) Chapter 1: Electric Charges and Fields
	II) Chapter 3: Current Electricity Chapter 4: Moving Charges and Magnetism
<b>PERIODIC TEST-3 (RT)</b>	
Periodic Test	Chapter 1: Electric Charges And Fields Chapter 2: Electrostatic Potential And Capacitance Chapter 3: Current Electricity Chapter 4: Moving Charges And Magnetism Chapter 5: Magnetism And Matter Chapter 6: Electromagnetic Induction Chapter 7: Alternating Current Chapter 8: Electromagnetic Waves Chapter 9: Ray Optics and Optical Instruments
Activities	1) Record of at least 8 experiments (with 4 from each section)
	2) Record of at least 6 activities (with 3 from each section A & section B)
	3) Investigatory Project- Working model and handwritten report of the project
Term 1	Chapter 1: Electric Charges And Fields
	Chapter 2: Electrostatic Potential And Capacitance
	Chapter 3: Current Electricity
	Chapter 4: Moving Charges And Magnetism
	Chapter 5: Magnetism And Matter
	Chapter 6: Electromagnetic Induction
	Chapter 7: Alternating Current
	Chapter 8: Electromagnetic Waves
	Chapter 9: Ray Optics
Pre-board	Whole syllabus

### **SUBJECT: CHEMISTRY (043)**

Prescribed Books:	1)	NCERT Text Book (Part 1+ Part 2)
	2)	NCERT Exemplar
	3)	Chemistry Practicals- Dinesh Publication (Lab Book)
<b>Month</b>	<b>Total No. of periods</b>	<b>Lesson/Chapter</b>
April		Ch:6-Haloalkanes and Haloarenes Ch:7-Alcohols, Phenols and Ethers
May		Ch:8-Aldehydes, Ketones and Carboxylic Acids. Ch:9-Amines.
June		Ch:10-Biomolecules Ch:1-Solution
July		Ch2- Electrochemistry Ch:3-Chemical Kinetics
August		Ch:3-Chemical Kinetics Revision & RT Exam
September		Revision & Half Yearly Exam
October		Ch:5-Coordination Compounds Ch:4-The d- & f-block elements

November		Ch:4-The d-& f-block elements Chapterwise Revision.
December		Pre Board/Revision
January		Pre Board/Revision/Practical Exam(Board)
February		Practical Exam (Board)
March		Final Exam (Board)
<b>Syllabus for Term Exams and Periodic Test</b>		
<b>TERM-1</b>		
Periodic Test	1) Ch:6- Haloalkanes & Haloarenes Ch:7- Alcohols, Phenols & Ethers	
	2) Ch:8- Aldehydes, Ketones and Carboxylic Acids. Ch:9- Amines	
	3) <b>PT (RT)</b> Ch:1- Solution Ch:2- Electrochemistry Ch:3- Chemical Kinetics Ch:10- Biomolecules	
Activities	Volumetric Analysis	
	Content Based Experiment	
	Salt Analysis	
	Project Work	
<b>TERM-2 (Annual)</b>		
Activities	Volumetric Analysis	
	Content Based Experiment	
	Salt Analysis	
	Project Work	
Term 1	Ch:1- Solution Ch:2- Electrochemistry Ch:3- Chemical Kinetics	
	Ch:6- Haloalkanes and Haloarenes Ch:7- Alcohols, Phenols and Ethers Ch:8- Aldehydes, Ketones and Carboxylic Acids.	
	Ch:9- Amines.	
	Ch:10- Biomolecules	
Term 2/Annual Exam/PB	Ch:1- Solution Ch:2- Electrochemistry Ch:3- Chemical Kinetics	
	Ch:4- The d-& f-block elements Ch:5- Coordination Compounds	
	Ch:6- Haloalkanes and Haloarene Ch:7- Alcohols, Phenols and Ethers Ch:8- Aldehydes, Ketones and Carboxylic Acids Ch:9- Amines Ch:10- Biomolecules.	

**SUBJECT: BIOLOGY (044)**

<b>Prescribed Books:</b>	1)	Textbook for Class 12 (NCERT)
	2)	Laboratory Manual in Biology
<b>Month</b>	<b>Total No. of periods</b>	<b>Lesson/Chapter</b>
April	19	Unit 6: Reproduction : Chapter 1: Sexual Reproduction in Flowering Plants Chapter 2: Human Reproduction
May	19	Chapter 3: Reproductive Health Unit 7: Genetics and Evolution: Chapter 4: Principles of Inheritance and Variation
June	15	Chapter 5: Molecular Basis of Inheritance Chapter 6: Evolution Unit 8: Biology in Human Welfare Chapter 7: Human Health and Diseases
July	22	Chapter 8: Microbes In Human Welfare Chapter 9: Biotechnology: Principles and Processes Chapter 10: Biotechnology and its Applications
August	19	Unit 10: Ecology Chapter 11: Organisms and Population Chapter 12: Ecosystem
September	15	Revision and Term 1 Examinations
October	14	Chapter 13: Biodiversity and its Conservation
November	15	Revision
December	21	Pre-Board Examination
January	15	Pre- Board Examination
<b>Syllabus for Term Exams and Periodic Test</b>		
<b>TERM-1</b>		
Periodic Test	<b>1) PT-1:</b> Sexual Reproduction in Flowering Plants.	
	<b>2) PT-2:</b> Human Reproduction, Reproductive health, Principles of Inheritance and Variation. <b>Term 1:</b> Chapter 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 <b>ACTIVITIES /EXPERIMENTS:</b> 1) Prepare a temporary mount to observe pollen germination. 2) Study the plant population density by quadrat method 3) Study the plant population frequency by Quadrat Method. 4) Prepare a temporary mount of onion root tip to study mitosis 5) Isolation of DNA from available plant material such as spinach, green papaya etc. <b>OBSERVATION /SPOTTING:</b>	
Activities	1. Study of Adaptations of Flowers for Pollination by different agencies (wind/insect , birds) 2. Study of Pollen Germination and Growth of Pollen Tube through a permanent slide. 3. Study of Gamete Development in Mammal: Identification of stages of gamete development i.e T.S. of testis and T.S. of ovary through permanent slide (from grasshopper mice) 4. Study of Meiosis in Floral Buds of Onion and Testes of Grasshopper through permanent slides. 5. T.S of blastula through permanent slides(mammalian) 6. Mendelian Inheritance using seeds of different colour, sizes of any plant	

**TERM-2 (Annual)**

Periodic Test	PT-3: Biotechnology: Microbes in Human Welfare, Biotechnology: Principles and Processes and Biotechnology and its Applications.
	PT-4: Organisms and Populations, Ecosystem, Biodiversity and Conservation.
Activities	<p style="text-align: center;">ACTIVITIES :</p> 7. Prepare Pedigree chart of any one of the genetic traits such as Rolling Tongue , blood groups, ear lobes, widow 's peak and colour blindness 8. Controlled pollination -emasculation , tagging and bagging 9. Common disease causing organisms like ascaris, entamoeba, plasmodium, any fungus causing Ringworm through permanent slides, models or virtual images or specimens. Comment on symptoms of disease that they cause.
Annual Exam	Chapter 1,2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
	(Whole Book)

**SUBJECT: STANDARD MATHEMATICS (041)**

Prescribed Books:		<b>NCERT</b> <b>NCERT EXEMPLAR</b>
<b>Month</b>		Topics/Lessons
April		Matrices Determinants Inverse Trigonometric Functions
May		Vectors Three- dimensional Geometry
June		Probability Linear Programming Relations and Functions
July		Continuity and Differentiability Application of Derivatives
August		Integrals Application of Integration
September		Half yearly exam
October		Differential Equation Revision for Pre Board
November		Revision Pre Board 1
December		Pre Board 2
January		Pre Board
February		Board examination
March		

**Syllabus for Term and Periodic Test****Term 1 (Half Yearly Exam)**

Periodic Test-1	Matrices Determinants Inverse Trigonometric functions
Periodic Test-2	Vectors Three Dimensional Geometry Relations and Functions
Periodic Test – 3	Relations and functions, Inverse Trigonometric functions, Determinants, Continuity and Differentiability, Application of Derivatives, Application of Integrals

Half Yearly Exam	Relations and functions, Matrices, Determinants, Continuity and Differentiability, Application of Derivatives, Integrals, Application of Integrals, Vectors
Periodic Test- 4	Differential Equation Application of Integrals Linear Programming Problem
Periodic Test- 5	Probability

### **SUBJECT: APPLIED MATHEMATICS (241)**

Prescribed Books:		<b>NCERT NCERT EXEMPLAR</b>
Month		Topics/Lessons
April		Matrices Determinants Probability
May		Numerical Inequalities Linear Programming
June		Differentiation Application Of Derivatives
July		Integrals Differential Equations
August		Numbers, Quantification and Numerical Applications Time Based Data Revision for Half yearly exam
September		HALF YEARLY EXAM
October		Perpetuity, Sinking Funds and EMI Returns, Growth and Depreciation Inferential Statistics
November		Revision for Pre-board exam
December		Pre-board exam
January		Pre- board exam
February		
March		

#### **Syllabus for Term and Periodic Test**

##### **Term 1 (Half Yearly Exam)**

Periodic Test-1	Matrices Determinants Probability
Periodic Test-2	Application of derivatives Integrals
Periodic Test-3	Determinants, Numbers, Quantification and Numerical Applications, Application of Derivatives, Integrals ,Differential Equations, Probability
Half Yearly Exam	Matrices, Determinants, Numbers, Quantification and Numerical Applications, Numerical Inequalities, Differentiation, Application of Derivatives, Integrals, Differential Equations, Probability

##### **Term 2 (Annual Exam)**

Periodic Test-4	Time based data Perpetuity, Sinking Funds and EMI Returns, Growth and Depreciation
Periodic Test-5	Probability LPP
BOARD EXAM	



**SUBJECT: ECONOMICS (030)**

Prescribed Books	1)	NCERT
<b>Month</b>	<b>Total No. of period</b>	<b>Lesson/Chapter</b>
April		<b>Introductory Macroeconomics:</b> Circular Flow of Income Basic concepts of Macroeconomics <b>Indian Economic Development:</b> India at the eve of independence Indian Economy (1950-1990)
May		<b>Introductory Macroeconomics:</b> National Income & Related aggregates <b>Indian Economic Development:</b> Continue....Indian Economy (1950-1990)
June		<b>Introductory Macroeconomics:</b> Measurement of National Income <b>Indian Economic Development:</b> Economic Reforms since 1991
July		<b>Introductory Macroeconomics:</b> Money & Banking <b>Indian Economic Development:</b> Human capital formation Rural development
August		<b>Introductory Macroeconomics:</b> Determination of Income and Employment <b>Indian Economic Development:</b> Employment
September		<b>Revision +Half Yearly Exam</b>
October		<b>Introductory Macroeconomics:</b> Govt. Budget & the Economy Balance of Payment
November		<b>Indian Economic Development:</b> Environment & Sustainable development Development experience of India
December		Revision
January		Revision
February		<b>Revision + Annual Exam</b>
March		
<b>Syllabus for Periodic Test</b>		
Periodic Test 1		<b>Introductory Macroeconomics:</b> Circular Flow of Income Basic Concepts of Macroeconomics National Income and Related Aggregates <b>Indian Economic Development:</b> India at the eve of independence
Periodic Test 2		<b>Introductory Macroeconomics:</b> Measurement of National Income Money and Banking <b>Indian Economic Development:</b> Indian Economy (1950-1990)

	Economic Reforms since 1991
Half Yearly	Topics according to the syllabus of April to August
Periodic Test 3 (RT)	<b>Introductory Macroeconomics:</b> Circular Flow of Income Measurement of National Income Aggregate Demand & Related Concepts Govt. Budget & the Economy <b>Indian Economic Development:</b> Human capital formation Rural development
Pre Board	<b>Complete syllabus</b>
<b>Tentative date of PB-1 (11-11-2024)</b>	
<b>Tentative date of PB-2 (16-12-2024)</b>	
<b>Tentative date of PB-3 (06-01-2024)</b>	

### SUBJECT: COMPUTER SCIENCE (083)

Prescribed Books:	1. Computer Science with Python by Sumita Arora (Dhanpat Rai & Co.) 2. Computer Science with Python by Preeti Arora (Sultan Chand)
<b>Month</b>	<b>Lesson/Chapter</b>
April	<b>Unit I. Programming and Computational Thinking-2 (40 Marks)Ch. 1 Python Revision Tour-I</b> Tokens, Simple Input and Output, Expressions, Flow of Control (if, if..else., if..elif..., Nested if...), Looping Statements, jump statements, Nested Loops
	<b>Ch. 2 Python Revision Tour-II</b> String handling, Lists in Python, Tuples in Python, Dictionaries in Python
May	<b>Ch. 3 Working with Functions</b> Introduction, Calling/Invoking/Using a Function, Types of Functions, Flow of execution in a Function Call, Arguments and Parameters
June	<b>Ch. 4 Using Python Libraries</b> What is Library, Importing Modules in a Python program, Using Standard Libraries, Creating a Python Library
July	<b>Ch. 5 File Handling</b> Basic File input/output operation <b>Ch. 9 Data Structures: Stack &amp; Queue using Lists</b> Elementary Data Representation Linear Lists Arrays, Stack, Queue, Linked Lists, Trees
August	<b>Ch. 9 Data Structures: Stack &amp; Queue using Lists</b> Operation on Data Structures, Stack (Implementation & Applications), Queue (Implementation, Variations & Applications)
September	<b>REVISION + Half Yearly Examination</b>
October	<b>Ch.12 MySQL SQL Revision Tour</b> Relational Data Model, Accessing Database in MySQL, Creating Tables, Inserting Data, Simple Queries through Select command <b>Ch.13 More on SQL</b> Order by clause, Aggregate Functions, Types of SQL Functions, Grouping Result
November	<b>Ch.15 Interface Python with MySQL</b> Connecting to MySQL from Python <b>Ch.10 Computer Networks-I</b> Introduction, Types, Network Devices/Hardware, Internet of Things <b>Ch.11 Computer Networks-II</b> Modulation Techniques, Network Security, Introduction to Web Services, E-Commerce

December	Revision
<b>Syllabus for Term Exams and Periodic Test</b>	
<b>Periodic Test 1</b>	Chapter 1 to 4
<b>Periodic Test 2</b>	Chapter 5 to 9
<b>Term 1</b>	Chapter 1 to 9
<b>Periodic Test 3</b>	Chapter 12, 13, 15
<b>Pre-Board</b>	Complete Syllabus as per CBSE Pattern

### SUBJECT: INFORMATICS PRACTICES (065)

Prescribed Books:	1. Informatics Practices by Sumita Arora (Dhanpat Rai & Co.) 2. Informatics Practices by Preeti Arora (Sultan Chand & Co.)
<b>Month</b>	<b>Chapter/Topics</b>
April	<b>Unit-1: (Data Handling using Pandas -I )</b> Introduction to Python libraries- Pandas, Matplotlib. Data structures in Pandas - Series and Data Frames.
May	Importing/Exporting Data between CSV files and Data Frames.
June	<b>Data handling using Pandas – II</b> Descriptive Statistics: max, min, count, sum, mean, median, mode, quartile, Standard deviation, variance. Data Frame operations, Handling missing values.
July	<b>Data Visualization</b> Purpose of plotting; drawing and saving following types of plots using Matplotlib – line plot, bar graph, histogram, pie chart, frequency polygon, boxplot and scatter plot. Customizing plots: color, style (dashed, dotted), width; adding label, title, and legend in plots.
August	<b>Unit 2: Database Query using SQL</b> Math functions, Text functions, Date Functions, Aggregate Functions, Querying, Operations on Relations, Importing/Exporting Data between MySQL database and Pandas. Operations on Relations.
September	<b>Half Yearly Exam</b>
October	<b>Unit 3: Introduction to Computer Networks</b>
November	<b>UNIT 4: Societal Impacts</b>
	Revision, Project Work
December	Revision + Pre-Board 1
January	Revision + Pre-Board 2

### Syllabus for Term Exams and Periodic Test

#### TERM-1

<b>PeriodicTest</b>	PT-1: Data Handling- Python Pandas
	PT-2: Plotting with Pyplot
	PT-3: Introduction to Computer Networks
<b>Half Yearly</b>	Unit-1 and Unit-2
<b>Pre-Board(s)</b>	<b>Complete Syllabus</b>

### SUBJECT: PHYSICAL EDUCATION (048)

Prescribed Books	1)	SarasNCERT Testbook
	2)	Health And Physical Education (Dr V K Sharma)
<b>Month</b>	<b>Total No. of periods</b>	<b>Lesson/Chapter</b>
April		Unit I : Management of Sporting Events

May		Unit II: Children and Women in Sports
June		Unit III :Yoga as Preventive measure for Lifestyle Disease Unit IV : Physical Education and Sports for CWSN
July		Unit V : Sports and Nutrition
August		Unit VI :Test and Measurement in sports Unit VII: Physiology and Injuries in Sports
September		
October		Unit VIII : Biomechanics and Sports Unit IX : Psychology and sports
November		Unit X : Training in Sports
December		Revision and Pre Board
January		Pre Board 2 & Final Practical
February		Preparation leave
March		Annual Exam
<b>Syllabus for Term Exams and Monthly Test</b>		
<b>Term-1</b>		
Periodic Test-1		Unit I : Management of Sporting Events Unit II: Children and Women in Sports
Periodic Test-2		Unit III :Yoga as Preventive measure for Lifestyle Disease Unit IV : Physical Education and Sports for CWSN Unit V : Sports and Nutrition
Periodic Test--3		Unit VI :Test and Measurement in sports Unit VII: Physiology and Injuries in Sports
Half Yearly Exam		Unit I to V
Pre Board 1		December 2024 Complete syllabus
Pre Board 2		January 2025 Complete Syllabus
Final Exam		March 2025 Complete Syllabus

## SUBJECT: PAINTING (049)

Prescribed Books:								
<b>Month</b>		<b>Topics/Lessons</b>						
April+May		<p><b>UNIT 1(A)</b></p> <p>1.The <b>Rajasthani</b> and <b>Pahari</b> Schools of Miniature Painting</p> <p>2.The Mughal and Deccan Schools of Miniature Painting.</p> <p>3.The Bebgal School of Painting and the Modern trends in Indian Art</p> <p>(A) 1.The Rajasthani and Pahari School of Miniature Painting (16th Century A.D. to 19th Century A.D.)</p> <p>A brief introduction to Indian Miniature Schools: Western-Indian,Pala, Rajasthani, Mughal, Central India, Deccan and Pahari.</p> <p>UNIT 1.</p> <p><b>(A) . The Rajasthani School</b></p> <p>(i) Origin and Development</p> <p>(ii) Sub-schools: Mewar, Bundi, Jodhpur, Bikaner, Kishangarh and Jaipur</p> <p>(iii) Main features of the Rajasthani School</p> <p>(iv) Appreciation of the following Rajasthani paintings</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Title</th> <th style="text-align: left;">Painter</th> <th style="text-align: left;">Sub- School</th> </tr> </thead> <tbody> <tr> <td>Maru-Ragini.</td> <td>Sahibdin</td> <td>Mewar</td> </tr> </tbody> </table>	Title	Painter	Sub- School	Maru-Ragini.	Sahibdin	Mewar
Title	Painter	Sub- School						
Maru-Ragini.	Sahibdin	Mewar						

		<p>Chaugan Players. Dana Jodhpur          Krishna on swing Nuruddin Bikaner          Radha (Bani- Thani) Nihal Chand Kishangarh          Bharat Meets Rama at Guman Jaipur          Chitrakuta.</p> <p>PT 1 EXAM  <b>(B) .The Pahari School</b>          (i) Origin and development          (ii) Sub-schools:-Basohli, Guler, Kangra, Chamba and Garhwal          (iii) Main features of the PahariSchool          (iv) Appreciation of the following Pahari paintings:</p> <table border="0"> <thead> <tr> <th><u>Title.</u></th> <th><u>Painter</u></th> <th><u>Sub-School</u></th> </tr> </thead> <tbody> <tr> <td>Krishna with Gopis. Nand, Yashoda and Krishna with Kinsmen. Going to Vrindavana</td> <td>Manku.  Nainsukh</td> <td>Basohli  Kangra</td> </tr> </tbody> </table>	<u>Title.</u>	<u>Painter</u>	<u>Sub-School</u>	Krishna with Gopis. Nand, Yashoda and Krishna with Kinsmen. Going to Vrindavana	Manku.  Nainsukh	Basohli  Kangra													
<u>Title.</u>	<u>Painter</u>	<u>Sub-School</u>																			
Krishna with Gopis. Nand, Yashoda and Krishna with Kinsmen. Going to Vrindavana	Manku.  Nainsukh	Basohli  Kangra																			
June +July		<p><b>UNIT 2</b> The Mughal and Deccan Schools of Miniature Painting          (16<sup>th</sup> Century AD to 19<sup>th</sup> Century A.D.)</p> <p>(A) 1. Origin and development          2.Main features of the Mughal School          3.Appreciation of the following Mughal Paintings:</p> <table border="0"> <thead> <tr> <th><b>Title.</b></th> <th><b>Painter</b></th> </tr> </thead> <tbody> <tr> <td><b>Krishna Lifting Mount Govardhana.</b></td> <td><b>Miskin</b></td> </tr> <tr> <td><b>Falcon on a Bird-Rest.</b></td> <td><b>Ustad Mansoor</b></td> </tr> <tr> <td><b>Kabirand Raidasb.</b></td> <td><b>Ustad Faquirullah Khan</b></td> </tr> <tr> <td><b>Marriage Procession of Dara Shukoh.</b></td> <td><b>Haji Madni</b></td> </tr> </tbody> </table> <p><b>(B) The Deccan School: 1.Origin and development          2.Main features of the Deccan School          3.Appreciation of the following Deccan paintings:</b></p> <table border="0"> <thead> <tr> <th><u>Title.</u></th> <th><u>Painter.</u></th> <th><u>Sub-schools</u></th> </tr> </thead> <tbody> <tr> <td>Hazrat Nizamuddin Auliya and Amir Khusro.</td> <td>Unknown.</td> <td>Hyderabad</td> </tr> <tr> <td>Chand Bibi Playing Polo (Chaugan).</td> <td>Unknown.</td> <td>Gol Konda</td> </tr> </tbody> </table> <p><b>PRACTICAL :</b>  <b>Nature and Object study</b>  <b>Studies on the basis of exercises done in class XI with two          or three objects and two draperies (in different colours) for          background and foreground. Exercises in pencil with light          and shade and in full colour from a fixed point of view</b></p>	<b>Title.</b>	<b>Painter</b>	<b>Krishna Lifting Mount Govardhana.</b>	<b>Miskin</b>	<b>Falcon on a Bird-Rest.</b>	<b>Ustad Mansoor</b>	<b>Kabirand Raidasb.</b>	<b>Ustad Faquirullah Khan</b>	<b>Marriage Procession of Dara Shukoh.</b>	<b>Haji Madni</b>	<u>Title.</u>	<u>Painter.</u>	<u>Sub-schools</u>	Hazrat Nizamuddin Auliya and Amir Khusro.	Unknown.	Hyderabad	Chand Bibi Playing Polo (Chaugan).	Unknown.	Gol Konda
<b>Title.</b>	<b>Painter</b>																				
<b>Krishna Lifting Mount Govardhana.</b>	<b>Miskin</b>																				
<b>Falcon on a Bird-Rest.</b>	<b>Ustad Mansoor</b>																				
<b>Kabirand Raidasb.</b>	<b>Ustad Faquirullah Khan</b>																				
<b>Marriage Procession of Dara Shukoh.</b>	<b>Haji Madni</b>																				
<u>Title.</u>	<u>Painter.</u>	<u>Sub-schools</u>																			
Hazrat Nizamuddin Auliya and Amir Khusro.	Unknown.	Hyderabad																			
Chand Bibi Playing Polo (Chaugan).	Unknown.	Gol Konda																			
August+ October																					
November		<p><b>UNIT 3:</b></p> <p><b>(A)The Bengal School of Painting and the Modern trends in Indian Art          (About the beginning to mid of the 20<sup>th</sup> Century)</b></p> <p><b>(i) National Flag of India and the Symbolic significance of its</b></p>																			

		<p style="text-align: center;"><b>forms and The colours.</b> <b>(ii)Introduction to the Bengal School of Painting</b></p> <p style="text-align: center;"><b>(a) Origin and development of the Bengal School of Painting</b></p> <p><b>(b) Main features of the Bengal School of Paintings</b> (iii) Appreciation of the following paintings of the Bengal school: (i)Journey’s End – Abanindranath Tagore (ii)Shiv and Sati- Nandla Bose (iv)Radhika - M.A.R.Chughtai (v)Meghdoot - Ram Gopal Vijaivargiya Contribution of Indian artists in the struggle for National Freedom Movement.</p> <p><b>(B)The Modern Trends in Indian Art:</b> Appreciation of the following contemporary (Modern) Indian Art. (i)Paintings: (a) Rama Vanquishing the Pride of the Ocean – Raja Ravi Varma (b) Mother and child – Jamini Roy (C) Haldi Grinders - Amrita Sher Gill (d) Mother Teresa - M.F.Husain (ii)Graphic - prints: (a) Children – Somnath Hore (b) Devi – Jyoti Bhatt (c) Of Walls - AnupamSud (d)Man, Woman and Tree - K. Laxma Goud (iii)Sculptures: (a) Triumph of Labour - D. P. Roychowdhury (b) Santhal Family - RamkinkarVaij (c) Cries Un - heard – Amar Nath Sehgal (d) Ganesha - P.V. Janaki Ram</p>
December		<p>Portfolio Assessment</p> <p>a)Record of the entire year's performance from sketch to finished product. b)Four selected nature and object study exercises in any media done during the session C)Two selected works of paintings composition done by the candidate during the year d)One selected works based on any Indian Folk Art (Painting</p>
		<p>UNIT 6</p> <ul style="list-style-type: none"> <li>-The Bengal school of painting and the modern tends of Indian art.</li> <li>-Evolution of the Indian Flag.</li> <li>-Origin and development of Bengal school.</li> <li>-Main features of Bengal school.</li> <li>-Contribution of Indian artists in the struggle for-National freedom movement.</li> <li>-Study of following paintings:-</li> <li>-Journeys end</li> <li>-Shiva and Sati</li> <li>-Radhika</li> <li style="padding-left: 20px;">-Meghdoot</li> <li>-The modern trends of Indian art, An introduction, study of paintings-(Rama vanquishing the pride of ocean,mother and child, haldi grinders, Mother</li> </ul>

		Teresa) PT 3 EXAM -Graphics(children ,devi, of walls, man, woman and tree, -sculpture -Triumph of labour, Santhal family, Cries un heard, Ganesha
January		
February		
March		
<b>Term 1 (Half Yearly Exam)</b>		
Periodic Test-1		UNIT 1
Periodic Test-2		UNIT 2,3,4
Half Yearly Exam		UNIT 1,2,3,4

### **SUBJECT: HVM (034)**

Prescribed Books:	1)	RAAG PARICHAY- PART 1& PART 2
<b>Month</b>	<b>Total No. of periods</b>	<b>Lesson/Chapter</b>
APRIL		Practical - Raga Bhairav drut Khayal with few taans. Taal- Jhaptaal Theory- Definitions - Alankar, Kan, Meend, Khatka, Murki, Gamak.
MAY		Practical - Raga Bhairav continued. Taal- Jhaptaal ( dugun, tigon, chougun ) Theory - Brief study of Gram, Murchana, Aalap, Taan, Time theory of raga
JUNE		Practical - Raag Bageshree drut khayal with few taans Taal- Rupak Theory- Sangeet Ratnakar
JULY		Practical - Raag Bageshree continued. Theory - Life sketch of Bade Ghulam Ali Khan.
AUGUST		Practical - Raag Malkauns vilambit khayal, Raag recognition Theory - Revision
SEPTEMBER		Term -1 (Half yearly exam)
OCTOBER		Practical - Raag Malkauns drut khayal with few taans Taal- Dhamaar taal Theory - Sangeet Parijat, Method of tuning the tanpura, Life sketch of PT. Krishna Rao Shankar Pandit.
NOVEMBER		Practical - Raag Bhairav and Raag Bageshree (revision) Taal - Jhaptaal with hand movements Theory - Life sketch of Ustaaad Faiyaz Khan.
DECEMBER		Practical - Notations Taal - Dhamar taal, Rupak taal with hand movements Theory - Revision
Pre Board 1		Complete syllabus
JANUARY		
Pre Board 2		Complete syllabus
FEBRUARY		Board Examination

