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# RADHA GOVIND PUBLIC SCHOOL

Anuyogipuram , Garh Road, Meerut

CLASS - XII

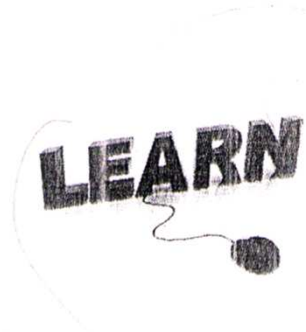
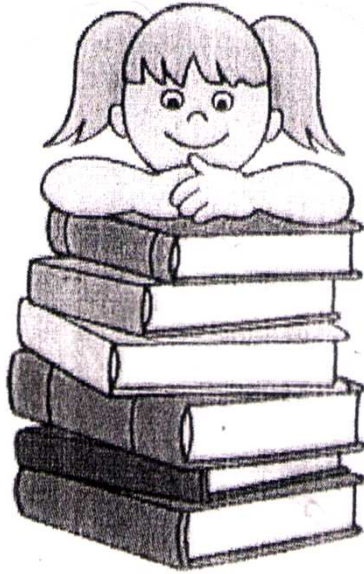
SYLLABUS : SESSION 2023-24

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

Class: \_\_\_\_\_

Admn.NO: \_\_\_\_\_

Phone No: \_\_\_\_\_



*“Optimism is the faith that leads to achievements. Nothing can be done without hope and confidence”*

*Note: Kindly preserve this syllabus in the student's personal file for the entire session 2023-24. In case it is lost or destroyed a duplicate copy will be available for Rs.30/-.*

**CLASS :- XII SYLLABUS 2023-24**

**ENGLISH CORE (Code -301)**

| <b>Name of the Book</b>                              |  | <b>Publisher</b>   |  |
|--|--|--|--|
| Lamingo : Text Book<br>Vistas : Supplementary Reader |  | N.C.E.R.T  |  |
| <b>Months</b>  |  | <b>Section</b>   | <b>Chapter</b>   |
| April  |  | Reading Skills<br>Writing Skills<br>&<br>Grammar<br>Flamingo (Prose)<br>Poetry<br>Vistas | Reading Passages, Note Making,<br>Notices<br>1. The Last Lesson<br>1. My Mother At Sixty Six<br>1. The Third Level                     |
|  |  | Reading Skills<br>Writing Skills<br>&<br>Grammar<br>Flamingo (Prose)<br>Poetry<br>Vistas | Comprehension Passages-2<br>Posters, Invitations- Informal Voice,<br>Determiners<br>2 Lost Spring<br>2 Journey to the end of the earth |
|  |  | Writing Skills<br>&<br>Grammar<br>Flamingo (Prose)<br>Poetry<br>Vistas                   | Comprehension Passages<br>Letters to Editor Application for A Job<br>Journey to the End of the Earth<br>3 Keeping Quiet                |
|  |  | Reading Skills<br>Writing Skills<br>&<br>Grammar<br>Flamingo (Prose)<br>Poetry<br>Vistas | Comprehension Passage on the tiger king<br>Business/Official Letters<br>4 A thing of beauty (Poem)<br>5 Indigo                         |
| August   |  | Reading Skills<br>Writing Skills<br>&<br>Grammar<br>Flamingo (Prose)<br>Poetry<br>Vistas | Comprehension Passages -2<br>Business/Official Letters<br>Ch on the face of it<br>6 Poets and Pancakes<br>5 A Roadside Stand           |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| September  |  |  | The Interview Memories of Childhood<br>Revision  |
| October  |  | Writing Skills<br>&<br>Grammar<br>Flamingo (Prose)<br>Poetry<br>Vistas                   | Comprehension Passage - 2<br>Revisionary Samples Revision<br>8 Going Places<br>8 Aunt Jennifers Tigers                                 |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| November   |  |  | Pre-Board - I  |
| December   |  |  | Pre-Board - II   |
| January  |  |  | Revision of all chapter  |

**HINDI CORE (Code -302)**

| <b>Name of the Book</b> | <b>Publisher</b> |  |
|-------------------------|------------------|--|
|-------------------------|------------------|--|

| आरोह भाग -2<br>वितान भाग-2<br>अभिव्यक्ति और माध्यम |  | NCERT   |   |
|--|--|---|---|
| Months   | Specification  | Section   | Chapter   |
| अप्रैल   |  | पठन कौशल  | एक गीत, कविता के बहाने, भक्तिन  |
|  |  | लेखन कौशल   | सिल्वर वैडिंग   |
|  |  | व्याकरण   | अपठित अंश   |
|  |  | आरोध गद्य काव्य   | औपचारिक पत्र (सरकारी, अर्थरारकारी)  |
| मई   |  | पठन कौशल  | कैमरे में बंद अपाहिज, सहर्ष स्वीकार है  |
|  |  | लेखन कौशल   | बाजार दर्शन, काले मेढा पानी दे  |
|  |  | व्याकरण   | रचनात्मक लेखन   |
|  |  | आरोध गद्य काव्य वितान                                     | अपठित अंश   |
| जून  | PA-I परीक्षा<br>पाठ्यक्रम वाद्य पाठ 1,2<br>पद्य पाठ 1<br>वितान पाठ 1<br>अभित्य चित्र और माध्यम<br>पाठ 3,13 | पठन कौशल<br>लेखन कौशल<br>व्याकरण<br>आरोध गद्य काव्य वितान | उषा,बात सीधी थी पर पड़लवान की ढोलक,जूझ<br>कविता/कहानी/नाटक                            |
| जुलाई  |  | पठन कौशल<br>लेखन कौशल<br>व्याकरण<br>आरोध गद्य काव्य       | आत्म परिचय, पतंग, नमक<br>समाचार लेखन  |
| अगस्त  |  | पठन कौशल<br>लेखन कौशल<br>व्याकरण<br>आरोध गद्य काव्य वितान | कवितावली, लक्ष्मण मूर्च्छा और राम का विलाप, चार्ली<br>चैप्लिन यानि हम सब<br>आलेख लेखन |
| सितंबर   |  | पठन कौशल<br>लेखन कौशल<br>व्याकरण<br>आरोध गद्य काव्य       | बादल राग, छोटा मेरा खेत, बगुलो के पंख, शिरिष के<br>फूल, अतीत के दबे पाँव              |
| अक्टूबर  |  | पठन कौशल<br>लेखन कौशल<br>व्याकरण<br>आरोध गद्य काव्य वितान | रूबाइयों, गजल, श्रम विभाजन और जाति प्रथा मेरी<br>कल्पना का आदर्श समाज डायरी के पन्ने  |
| नवम्बर   |  |   | पुनः अभ्यास संपूर्ण पाठ्यक्रम   |
| दिसंबर   |  |   | Pre-Board- November   |
| जनवरी  |  |   | Mock Board - December   |

## MATHS (Code -041)

| Name of the Book |  | Publisher |   |
|------------------|--|-----------|---|
| <b>Months</b>    |  |           | <b>Chapter</b>  |
|                  |  |           | 1.Relation and Function   |
|                  |  |           | 2 .Inverse Trigonometric Functions  |
| May              |  |           | 3.Matrices<br>4.Determinants  |
| July             |  |           | 5.Continuity and Differentiability<br>6.Applications of Derivatives         |
| August           |  |           | 7. Integrals<br>8.Applications of the Integrals<br>9.Differential Equations |
| September        |  |           |   |

|          |  |  |  |
|----------|--|--|--|
| October  |  |  | 10.Vectors<br>11.Three - dimensional Geometry<br>12.: Linear Programming |
| November |  |  | 13.Probability   |
|          |  |  | Revision   |
| December |  |  | Pre - Board Examination  |

## PHYSICS (Code -042)

| Name of the Book | Publisher |  |
|------------------|-----------|--|
| NCERT            |           |  |

| Months |                   | Practical & Activity   | Chapter  |
|--------|-------------------|--|--|
| April  |                   | 1. To determine resistance per cm of a given wire by plotting a graphe for potential difference versus current. 1<br>A. To measure the resistance and impedence of an inductor with or without iron core 2.<br>To find the focal length of a concave lens, using a conve lens.   | Ch 1 Electric Charges and Fields<br><br>Ch 2 Electrostatic Potential and Capacitance             |
| May    |                   | 3. To find resistance of a given wire using metre bridge and hence determine the resistivity (Spesific resistance of its materic<br>2 A. To measure the resistance, voltage (AC/DC), current (AC) and check continuity of a given circuit using multimeter.<br>4. To determine angle of minimum deviation for a given pris by plotting a graph between angle of incidence and angle of deviation | Ch 3 Current Electricity   |
| July   | PA- I Examination | 3 A. To study the rariation in potential drop with length of a wire for a steady curretn. 5. To determine resistance of a galvanometer by half-deflection method and to find its figure of merit   | Ch 4 Moving Changes and Magnetism Ch<br>5 Magnetism and Matter Ch 6<br>Electromagnetic Induction |

|           |                         |   |   |
|-----------|-------------------------|---|---|
| August    |                         | <p>4 A. To draw the diagram of a given open circuit comprising at least a battery, resistor/ rheostat, key, ammeter and coltmeter.</p> <p>6. To determine refractive index of a glass slab using a travelling microscope</p>  | <p>Ch 7 Alternating Current</p> <p>Ch 8 Electromagnetic waves</p> <p>Ch 9 Rayoptics and optical Instruments</p> |
| September | Half Yearly Examination | <p>3B. To observe polarization of light using two Polaroid.</p> <p>7. To Find the value of <math>v</math> for different of <math>u</math> in case of a con mirror and to find the focal length.</p>   | <p>Ch 10 wave optics</p> <p>Ch 11 Dual nature of radition and matter</p>  |
| October   |                         | <p>1 B. To obtain a lense combination with the specified focal length by using two lense from the given set of lenses.</p> <p>4B. To observe diffraction of light due to a thin slit.</p> <p>8. To find the refractive index of a liquid using convex lens and plane mirror</p>   | <p>Ch 12 Atoms</p> <p>Ch 13 Nuclei</p>  |
| November  |                         | <p>12.</p> <p>2 B. To identify a diode, an LED, a resistor and a capacitor froma mixed collection of such items.</p> <p>5B. To study the nature and size of the image formed by a i) convex lens, ii) concave mirror, on a screen by using a candle and a screen (for different distances of the candle from the lens/mirror)</p> | <p>Ch 14 Semiconductor Electronics: Materials, Devices and Simple circuits</p>                                  |

|          |                          |
|----------|--------------------------|
| December | Pre-Board-I Examination  |
| January  | Pre-Board-II Examination |

## Chemistry (Code -043)

| Name of the Book | Publisher   |  |
|------------------|---|--|
| NCERT            |   |  |
| <b>Months</b>    |   | <b>Chapter</b>                             |
| April            | 1. Titration- Mohr salt                                     | Ch 1 Solutions                             |
|                  | 2. Salt Analysis - "O" group                                |  |
|                  | 3. Titration - Mohr salt                                    |  |
|                  | 4. Salt Analysis - "I" group, Surface Chemistry             | Ch 2 Electrochemistry                      |
| May              | 5. Salt Analysis - "II" group                               | Ch 3 Chemical Kinetics                     |
|                  | 6. Function group - Alcohol                                 | Ch 4 "d" block elements                    |
| June             |   | PA-I Examination                           |
| July             | 7. Titration - Oxalic acid                                  | Ch 5 Coordination complexes                |
|                  | 8. Salt Analysis - IIIrd group                              |  |
|                  | 9. Titration - Oxalic Acid, Electro Chemistry               | Ch 6 Haloalkanes & Haloarenes              |
| August           | 10. Salt Analysis - "IV" group                              | Ch 7 Alcohols, phenols & Ethers            |
|                  | 11. Function group - Phenol, Preparation of the double salt |  |
| September        | 12. Salt Analysis - "V" group                               | Half Yearly Examination                    |
| October          | 14. Salt analysis - "VI" group                              | Ch 8 Aldehydes, Ketones & carboxylic acids |
|                  | 15. Functional group - aldehyde, Crystallisation            | Ch 9 Organic Compunds Containg nitrogen    |
| November         | 16. Functional group - Ketone                               | Ch 10 Biomolecules                         |
|                  |   | Pre-Board-I Examination                    |
| December         |   | Pre-Board-II Examination                   |
| January          |   | Pre-Board-II Examination                   |

## Biology (Code -044)

| Name of the Book | Publisher |  |
|------------------|-----------|--|
| NCERT            |           |  |
| <b>Months</b>    |           | <b>Chapter</b>                               |
| April            |           | Unit VI Reproduction                         |
|                  |           | Ch 2 Sexual reproduction in flowering plants |
|                  |           | Ch 3 Human Reproduction                      |
| May              |           | Ch 4 Reproductin health                      |
|                  |           | Unit VII Genetics & Evolution                |
|                  |           | CH 5 Principles of Inheritance & Varialion   |
| July             |           | Ch 6 Molecular basis of Iinheritance         |
|                  |           | Ch 7 Evolution                               |
|                  |           | Unit VIII- Biology in Human welfare          |
| August           |           | Ch 8 Human Health & disease                  |
|                  |           | Ch 10 Microbes in Human welfare              |
| September        |           | Unit IX - Biotechnology                      |
|                  |           | Ch 11 Biotechnology - Principles & processes |
|                  |           | Ch 12 Biotechnology & its Application        |
| October          |           | Unit X Ecology                               |
|                  |           | ch 13 Organisms & Populations                |
|                  |           | Ch 4 Ecosystem                               |
| November         |           | Ch 15 Biodiversity & its conservation        |

|          |                             |
|----------|-----------------------------|
| December | Pre- Board - I Examination  |
| January  | Pre- Board - II Examination |

## Political Science (Code -028)

| Name of the Book                            |  | Publisher |  |
|---|--|-----------|--|
| Months                                      |  | Section   | Chapter                                |
| <b>Part - A Contemporary World Politics</b> |  |           |  |
| April                                       |  |           | 2 The End of bipolarity (Added Topics) |
|   |  |           | 4 Alternative centre of power          |
|   |  |           | 5 Contemporary South Asia              |
|   |  |           | 6 International Organisations          |
| May   |  |           | 7 Security in Centemporary World       |
|   |  |           | 8 Envirnment and Natural resources     |
|   |  |           | 9 Globalization                        |
| <b>Part- B Politics In India</b>            |  |           |  |
| July  |  |           | 10 Challenges of Nation Building       |
|   |  |           | 11 Era of one Party deminance          |
|   |  |           | 12 Politics of Planned Development     |
| August                                      |  |           | India & external relations             |
|   |  |           | Challenges to the Congress system      |
|   |  |           | Crisis of the Democratic Order         |
| September                                   |  |           | Regional aspirations                   |
|   |  |           | Recent development in Indian Politics  |

## History (Code -027)

| Name of the Book                             |  | Publisher |   |
|--|--|-----------|---|
| Months                                       |  | Section   | Chapter   |
| <b>Part - A Contemporary World Politics</b>  |  |           |   |
| Api  |  |           | Themes in Indian History Part - I                                   |
|  |  |           | Unit 1 The study of the first cities Harappan Archacology           |
|  |  |           | Unit 2 Political and Economic History How Inscriptions tell a story |
| May  |  |           | Unit 3 Social Histories : Using the Mahabharata                     |
|  |  |           | Themes in Indian History Part - II (Units 5.9)                      |
| July   |  |           | Unit 5 Medieval Society through Travellers account                  |
|  |  |           | Unit 6 Religious Histories: The Bhakti Sufi Trad                    |
|  |  |           | Unit 7 New Architecture: Hampi                                      |
|  |  |           | Unit 8: Agrarian Relations]   |
|  |  |           | Unit 9: The Mughal Court  |
| <b>Themes in Indian History (Part - III)</b> |  |           |   |
| August                                       |  |           | Unit10: Colonialism and Rural Society                               |
|  |  |           | Unit 11: Revlot of 1857   |
|  |  |           | Unit 12: Colonialism and Indian Twons                               |
| September                                    |  |           | Unit 13: Mahatma Gandhi through contemporary Eyes                   |
|  |  |           | Unit 14: Partition through oral sources                             |
| October                                      |  |           | Unit 15: The makig of the constitution                              |

|          |  |  |              |
|----------|--|--|--------------|
| November |  |  | MAP work     |
|          |  |  | Project Work |

## Economics (Code -030)

| Name of the Book |    | Publisher |         |
|------------------|----|-----------|---------|
| Months           | PA | Section   | Chapter |

### Indian Development/ Micro Economics

|        |  |  |  |
|--------|--|--|--|
| March  |  |  | Ch 2 Money & Banking   |
|        |  |  | Ch 4 Government Budget and the Economy   |
| May    |  |  | Ch 1 Eve of Independence   |
| July   |  |  | Ch 2 Common goals of Five years Plan<br>Ch 3 Determination of Income & Employment<br>Ch 6 Liberalisation, Priratisation & Globalisation & Concept of GST |
| August |  |  | Ch 8 Rural Development<br>Ch 9 Human Capital Formation<br>Ch 10 Employment<br>Ch 11 Sustainable Economics Development                                    |

### Indian Development/ Micro Economics

|           |  |  |   |
|-----------|--|--|---|
| September |  |  | Ch 1 National Income Theory<br>Ch 5 Balance of Payment & Foreign Exchange rate                |
| October   |  |  | Ch 3 Policies of Agriculture<br>Ch 1 Development Experience of India<br>Ch 5 Economic Reforms |

## Business Studies (Code -054)

| Name of the Book |    | Publisher |         |
|------------------|----|-----------|---------|
| Months           | PA | Section   | Chapter |

|           |  |  |   |
|-----------|--|--|---|
| March     |  |  | Ch 1 Nature & Significance of Management                  |
|           |  |  | Ch 2 Principal of management<br>Ch 3 Business Environment |
| May       |  |  | Ch 4 Planning<br>Ch 5 Organising                          |
| July      |  |  | Ch 6 Staffing   |
| August    |  |  | Ch 7 Directing<br>Ch 8 Controlling                        |
| September |  |  | Ch 9 Financial Management<br>Ch 10 Financial Markets      |
| October   |  |  | Ch 11 Marketing Mangement<br>Ch 12 Consumer Protection    |
| November  |  |  | Pre-Board I   |
| December  |  |  | Pre-Board II  |
| January   |  |  | Revision  |



## Accountancy (Code -055)

**Name of the Book**

**Publisher**

**Months**

**PA**

**Section**

**Chapter**

Accounting for Partnership Firms

April & May

Ch 1 & 2 Changes in the Profit sharing ratio and Goodwill  
Ch 3 Admission of a partner

Accounting for Partnership Firms/Company

July

Ch 1 Accounting for Share Capital  
Ch 3 Issue of Debentures  
Ch 4 Retirement or death  
Ch 5 Dissolution of partnership firm

August

Ch 1 Accounting for Share Capital(cont.)  
Ch 3 Issue of Debentures(cont.)

Financial Statement

September

Financial Statement Introduction/Statement  
Accounting Ratio

October

Cash Flow statement

November

Pre-Board I

December

Pre-Board II

January

Revision

## Painting (Code -049)

**Name of the Book**

**Publisher**

Paharomic Indian Art

Vishal Publication

**Months**

**Chapter**

**Practical**

April

Rajasthani School of Painting  
Pahari School of Painting

\* Still life object  
\* Landscape

May

The Mughal School of Art

\* Still life object

July

The Deccan School of Art

\* Composition  
\* Still life object

August

The Bengal School of Art  
Revision

\* Composition  
\* Still life object

September

The Modern Trend in Indian Art

\* Composition  
\* Landscape

October

Revision of PA -I, II, and Half Yearly

\*Landscape  
\*Canvas (Mythology)

November

Revision

\* Composition

December

Pre-Board -I Examination

January

Pre-Board -II Examination

## Physical Education (Code -048)

| Name of the Book |  | Publisher   |                      |
|------------------|--|---|----------------------|
| Months           |  | Chapter   | Practical            |
| April            |  | Management of Sports Event<br>Children and Women in Sport | Volleyball, Khokho   |
| May              |  | Yoga & Life Style   | Yoga                 |
| July             |  | Phy. Edu and Sport & CWSN<br>Sports and Nutrition         | Basket Ball, Cricket |
| August           |  | Test & Measurement in Sports                              | Khelo India Test     |
| September        |  | Physiology & Injuries in Sports                           |                      |
| October          |  | Biomechanics & Sports<br>Psychology & Sports              | Athletics            |
| November         |  | Training in Sports  | Kabaddi              |
| December         |  | Revision  |                      |
| January          |  | Revision  |                      |

### Hindustani Music Vocal (034)

| Name of the Book |  | Publisher   |  |
|------------------|--|---|--|
| Sangeet Manjusha |  | New Saraswati House   |  |
| Months           |  | Chapter   | Practical  |
| April            |  | Unit -1 Brief Study of the following<br>Alankar, Varna, Kan, Meend, Khatka, Murki,<br>Gamak, Sadra, Dadra, Gram, Murchhana Slap,<br>Tana, | Ragas Bhairav, Ragas Malakauns<br>Unit -5 Reitativo of Thekas of Tilwada<br>Tal, DhamarTal, Roopak Tal |
| May              |  | Life Sketch of Faiyaz Khan, Bade Gulam Ali Khan,<br>Pandit Krishan Rao Shankar  |  |
| July             |  | Unit -3 Reitativo of Thekas of Jhaptal,<br>RupakTal, Study of various parts of tuning of<br>tanpura.                                      |  |
| August           |  | Unit-6 Classification of Ragas-Ancient ,<br>Medieval and Modern, Granth Prachiye-<br>Sangeet Ratnakar, Sangeet Parijat                    | Raag Bagheshree  |
| September        |  | All Unit One Word Question Answer   |  |
| October          |  | Revision  | Ragas-<br>Detail Study of Raga Shudh Sarang  |
| November         |  | Revision  |  |
| December         |  | Pre-Board - I Examination   |  |
| January          |  | Pre-Board -II Examination   |  |

### IP(065)

| Name of the Book      |     | Publisher |         |
|-----------------------|-----|-----------|---------|
| Informatics Practices |     | CBSE      |         |
| Months                | P.A | Section   | Chapter |

|           |                                     |  |   |
|-----------|-------------------------------------|--|---|
| April     | P.A. - 1<br>Unit - 1,2              |  | Unit 1 : Data handling using Pandas and Data visualization - I          |
|           |                                     |  | Unit 1 : Data handling using Pandas and Data visualization - I (Cont.)  |
| May       | P.A,-II (Half Yearly)<br>Unit - 1,2 |  | Unit 1 : Data handling using Pandas and Data visualization - II         |
| July      |                                     |  | Unit 1 : Data handling using Pandas and Data visualization - II (Cont.) |
| August    | P.A. -III<br>Unit - 1,2,3,4         |  | Unit 2 : Database query using SQL<br>Project work- 1                    |
| September |                                     |  | Unit 3 : Introduction to Computer Networks<br>Project work - 3          |
| October   |                                     |  | Unit 4 : Societal Impacts<br>Project work -4                            |
| November  |                                     |  | Pre-Board I   |
| December  |                                     |  | Pre-Board II  |
| January   |                                     |  | Revision  |

## Geography

| Name of the Book      |  | Publisher   |  |
|-----------------------|--|---|--|
| Informatics Practices |  | CBSE  |  |
| Months                |  | P.A   | CBSE   |
|                       |  | Book 1  | Book 2   |
| April                 |  | Ch 1 Human Geography                                    | Ch 1 Population Distribution Density Growth & Composition        |
| May                   |  | Ch 2 The world population density distribution & Growth |  |
|                       |  | Ch 3 Human Development                                  |  |
| July                  |  | Ch 4 Primary Activities                                 | Ch 2 Human Settlement  |
| Aug                   |  | Ch 5 Secondary Activity                                 | Ch 3 Land Resource of Agriculture                                |
| Sep                   |  | Ch 6 Tertiary & Quaternary Activities                   | Ch 4 Water Resource  |
|                       |  |   | Ch 5 Minerals of Energy Resource                                 |
| Oct                   |  | Ch 7 Transport Communication & trade                    | Ch 7 Transport & Communication                                   |
| Nov                   |  | Ch 8 International trade + Map                          | Ch 7 Transport & Communication                                   |
|                       |  |   | Ch 8 International Trade   |
|                       |  |   | Ch 9 Geographical Perspective on selected issue & provides + Map |
|                       |  |   | Pre-Board I  |
| December              |  |   | Pre-Board II   |
| January               |  |   | Revision   |