Learn Today. Lead Tomorrow.

THE ICONIC SCHOOL

(A Senior Secondary School affiliated to CBSE, New Delhi)

SYLLABUS BREAK UP

(As per CBSE Guidelines)

SESSION: 2025-26

Grade: 12

Subject: ENGLISH CORE (301) **Name of the Book: Flamingo & Vistas**

EXAM	TOPIC	MARKS
UT-1	**Flamingo** Ch-1 The Last Lesson Ch-2 Lost Spring Ch-3 Deep Water **Poem** My Mother at Sixty-Six Keeping Quiet **Vistas** Ch-1 The Third Level Ch-2 The Tiger King Ch-3 Journey to the End of the Earth **Writing** Notice Writing, Invitation	**40**
HALF YEARLY	**Flamingo** Ch-1 The Last Lesson Ch-2 Lost Spring Ch-3 Deep Water Ch-4 The Rattrap Ch-5 Indigo Ch-6 Poets and Pancakes **Poem** My Mother at Sixty-Six, Keeping Quiet, A Thing of Beauty, A Roadside Stand **Vistas** Ch-1 The Third Level Ch-2 The Tiger King Ch-3 Journey to the End of the Earth Ch-4 The Enemy **Writing** Notice, Invitation/Reply, Article, Letter to the Editor	**80**
	Practical/ Project/ ASL: Research based project report	**20**
PRE-BOARD-I & II	**Flamingo** Ch-1 The Last Lesson Ch-2 Lost Spring Ch-3 Deep Water Ch-4 The Rattrap Ch-5 Indigo Ch-6 Poets and Pancakes Ch-7 The Interview Ch-8 Going Places **Poem** My Mother at Sixty-Six, Keeping Quiet, A Thing of Beauty, A Roadside Stand, Aunt Jennifer's Tigers **Vistas** Ch-1 The Third Level Ch-2 The Tiger King Ch-3 Journey to the End of the Earth Ch-4 The Enemy Ch-5 On the Face of It Ch-6 Memories of Childhood **Writing** Notice, Invitation/Reply, Article, Letter to the Editor/ Job Application	**80**
BOARD EXAM	**Full Syllabus Practical/ Project/ ASL:**	**80+20**

Subject: CHEMISTRY (043) **Name of the Book: NCERT Book**

EXAM	TOPIC	MARKS
UT-1	UNIT - I – Solution UNIT – II – Electrochemistry UNIT – VI – Haloalkanes & Haloarenes UNIT – VII – Alcohols, Phenols and Ethers	**40**
HALF YEARLY	UNIT - I – Solution UNIT – II – Electrochemistry UNIT – III – Chemical Kinetics UNIT – IV – d & f Block Elements UNIT – V – Coordination Compounds UNIT – VI – Haloalkanes & Haloarenes UNIT – VII – Alcohols, Phenols and Ethers	**70**
	Practical: Chromatography Determination of concentration/ molarity of KMnO4 solution by titrating it against a standard solution of: (a) Oxalic acid, (b) Ferrous Ammonium Sulphate Qualitative analysis Determination of one anion and one cation in a given salt	**30**
PRE-BOARD-I & II	UNIT - I – Solution UNIT – II – Electrochemistry UNIT – III – Chemical Kinetics UNIT – IV – d & f Block Elements UNIT – V – Coordination Compounds UNIT – VI – Haloalkanes & Haloarenes UNIT – VII – Alcohols, Phenols and Ethers UNIT – VIII – Aldehydes, Ketones and Carboxylic Acids UNIT – IX – Amines UNIT – X – Biomolecules	**70**
	Practical: Chromatography Determination of concentration/ molarity of $KMnO_4$ solution by titrating it against a standard solution of: (a) Oxalic acid, (b) Ferrous Ammonium Sulphate Qualitative analysis Determination of one anion and one cation in a given salt Tests for the functional groups present in organic compounds Characteristic tests of carbohydrates, fats and proteins in pure samples and their detection in given foodstuffs Investigatory projects	**30**
	Art Integrated Activity: PPT making on types of electrochemical cell.	
BOARD EXAM	**Full Syllabus Practical/ Project:**	**70+30**

Subject: PHYSICS (042) **Name of the Book: NCERT Book**

EXAM	TOPIC	MARKS
UT-1	**Theory:** 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	**40**
HALF YEARLY	**Theory:** 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. Chapter–10: Wave Optics.	**70**
	Practical: 1. To determine resistivity of two / three wires by plotting a graph for potential difference versus current. 2. To find resistance of a given wire / standard resistor using metre bridge. 3. To verify the laws of combination (series) of resistances using a metre bridge. 4. To verify the laws of combination (parallel) of resistances using a metre bridge. 5. To determine resistance of a galvanometer by half-deflection method and to find its figure of merit **Activities:** 1. To assemble a household circuit comprising three bulbs, three (on/off) switches, a fuse and a power source. 2. To assemble the components of a given electrical circuit. 3. To draw the diagram of a given open circuit comprising at least a battery, resistor/rheostat, key, ammeter and voltmeter. Mark the components that are not connected in proper order and correct the circuit and also the circuit diagram.	**30**
PRE-BOARD-I & II	**Theory:** 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. Chapter–10: Wave Optics Chapter–11: Dual Nature of Radiation and Matter. Chapter–12: Atoms Chapter–13: Nuclei Chapter–14: Semiconductor Electronics: Materials, Devices and sample.	**70**
	Practical: 1. To determine resistivity of two wires by plotting a graph for potential difference versus current. 2. To find resistance of a given wire / standard resistor using metre bridge.	**30**

	3. To verify the laws of combination (series) of resistances using a metre bridge. 4. To verify the laws of combination (parallel) of resistances using a metre bridge. 5. To determine resistance of a galvanometer by half-deflection method and to find its figure of merit 6. To find the focal length of a convex lens by plotting graphs between u and v or between 1/u and 1/v. 7. To find the focal length of a concave lens, using a convex lens. 8. To determine angle of minimum deviation for a given prism by plotting a graph. 9. To draw the I-V characteristic curve for a p-n junction diode in forward and reverse bias. 10. To find the refractive index of a liquid using convex lens and plane mirror. **Activities:** 1. To assemble a household circuit comprising three bulbs, three (on/off) switches, a fuse and a power source. 2. To assemble the components of a given electrical circuit. 3. To draw the diagram of a given open circuit comprising at least a battery, resistor /rheostat, key, ammeter and voltmeter. Mark the components that are not connected in proper order and correct the circuit and also the circuit diagram. 4. To identify a diode, an LED, a resistor and a capacitor from a mixed collection of such items. 5. To observe refraction and lateral deviation of a beam of light incident obliquely on a glass slab. 6. To study the nature and size of the image formed by a (i) convex lens on a screen by using a candle and a screen (for different distances of the candle from the lens)	
	Art Integrated Activity **Chapter–9: Ray Optics and Optical Instruments** • **Art Form**: Optical Illusions or Sculpture • **Description**: Students can create a 3D model or optical illusion using mirrors or lenses to demonstrate the properties of light. They could build a simple telescope or microscope, using **local materials**. The design could incorporate **folk art from MP**, such as **tribal mirrors** used in jewelry making, to represent the bending of light (refraction) in optical devices. **Cultural Connection**: Optical instruments and the way light behaves can be symbolized by Bihar's **Patna art**, which often plays with light and shadow effects in its traditional murals.	
BOARD EXAM	**Full Syllabus Practical/ Project:**	**70+30**

Subject: BIOLOGY (044) **Name of the Book: NCERT Book**

EXAM	TOPIC	MARKS
UT-1	Chapter-1: Sexual Reproduction in Flowering Plants Chapter-2: Human Reproduction Chapter-3: Reproductive Health Chapter-4: Principles of Inheritance and Variation Chapter-5: Molecular Basis of Inheritance	**40**
HALF YEARLY	Chapter-1: Sexual Reproduction in Flowering Plants Chapter-2: Human Reproduction Chapter-3: Reproductive Health Chapter-4: Principles of Inheritance and Variation Chapter-5: Molecular Basis of Inheritance Chapter-6: Evolution Chapter-7: Human Health and Diseases Chapter-8: Microbes in Human Welfare Chapter-9: Biotechnology - Principles and Processes	**70**
	Practical: 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. Isolate DNA from available plant material such as spinach, green pea seeds, papaya, etc.	**30**
PRE BOARD-I & II	Chapter-1: Sexual Reproduction in Flowering Plants Chapter-2: Human Reproduction Chapter-3: Reproductive Health Chapter-4: Principles of Inheritance and Variation Chapter-5: Molecular Basis of Inheritance Chapter-6: Evolution Chapter-7: Human Health and Diseases Chapter-8: Microbes in Human Welfare Chapter-9: Biotechnology - Principles and Processes Chapter-10: Biotechnology and its Applications Chapter-11: Organisms and Populations Chapter-12: Ecosystem Chapter-13: Biodiversity and its Conservation	**70**
	Practical: 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. Isolate DNA from available plant material 6. Flowers adapted to pollination by different agencies (wind, insects, birds). 7. Pollen germination on stigma through a permanent slide . 8. Identification of stages of gamete development. 9. Meiosis in onion bud cell or grasshopper testis through permanent slides. 10. T.S. of blastula through permanent slides (Mammalian). 11. Mendelian inheritance using seeds of different colour/sizes of any plant. 12. Prepared pedigree charts of any one of the genetic traits. 13. Controlled pollination - emasculation, tagging and bagging. 14. 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 diseases that they cause. 15. Models specimen showing symbolic association . 16. Flash cards models showing examples of homologous and analogous organs.	**30**
	Art Integrated Activity: Travel Brochure of Madhya Pradesh and Bihar	
BOARD EXAM	**Full Syllabus Practical/ Project:**	**70+30**

Subject: ACCOUNTANCY (055) **Name of the Book: NCERT Book**

EXAM	TOPIC	MARKS
UT-1	**Volume I** Chapter 1 Accounting for Partnership Firms Chapter 2 Goodwill: Nature and Valuation Chapter 3 Change in Profit-sharing ration among Existing Partners Chapter 4 Admission of a Partner **Volume III** Chapter 1 Financial Statements of a company Chapter 3 Tools of Financial Statement Analysis: Comparative and Common Size Statements	**40**
HALF YEARLY	**Volume I** Chapter 1 Accounting for Partnership Firms Chapter 2 Goodwill: Nature and Valuation Chapter 3 Change in Profit-sharing ration among Existing Partners Chapter 4 Admission of a Partner Chapter 5 Cash Flow Statement **Volume II** Chapter 1 Accounting for Share Capital **Volume III** Chapter 1 Financial Statements of a company Chapter 2 Financial Statements Analysis Chapter 3 Tools of Financial Statement Analysis: Comparative and Common Size Statements Chapter 4 Accounting Ratios Chapter 5 Cash Flow Statement	**80**
	Practical/Project: Project: Synopsis • Primary Briefing and Discussion • Selection of a Company • Gathering information Research on Financial Statements Selection of Tools of Analysis	**20**
PRE- BOARD I & II	**Volume I** Chapter 1 Accounting for Partnership Firms Chapter 2 Goodwill: Nature and Valuation Chapter 3 Change in Profit-sharing ration among Existing Partners Chapter 4 Admission of a Partner Chapter 5 Retirement of a Partner Chapter 6 Death of a Partner Chapter 7 Dissolution of a Partnership Firm **Volume II** Chapter 1 Accounting for Share Capital Chapter 2 Issue of Debentures **Volume III** Chapter 1 Financial Statements of a company Chapter 2 Financial Statements Analysis Chapter 3 Tools of Financial Statement Analysis: Comparative and Common Size Statements Chapter 4 Accounting Ratios Chapter 5 Cash Flow Statement	**25**
BOARD EXAM	**Volume I** Chapter 1 Accounting for Partnership Firms	**80**

	Chapter 2 Goodwill: Nature and Valuation Chapter 3 Change in Profit-sharing ration among Existing Partners Chapter 4 Admission of a Partner Chapter 5 Retirement of a Partner Chapter 6 Death of a Partner Chapter 7 Dissolution of a Partnership Firm **Volume II** Chapter 1 Accounting for Share Capital Chapter 2 Issue of Debentures **Volume III** Chapter 1 Financial Statements of a company Chapter 2 Financial Statements Analysis Chapter 3 Tools of Financial Statement Analysis: Comparative and Common Size Statements Chapter 4 Accounting Ratios Chapter 5 Cash Flow Statement	
	Practical/Project: In continuation of Half Yearly • Project Structure ➢ Introduction ➢ Company Background ➢ Statements analysis ➢ Key Findings and insights ➢ Reports ➢ Conclusion • Project Presentation (First week of October) • Report Writing Presentation of Project and Viva Voce and submission (Last week of October)	**20**

Subject: PAINTING (049) **Name of the Book: Aesthetics of Indian Art**

EXAM	TOPIC	MARKS
UT-1	Unit – 1: The Rajasthani and Pahari Schools of Miniature Painting	**10**
HALF YEARLY	Unit – 1: The Rajasthani and Pahari Schools of Miniature Painting Unit -2 : The Mughal and Deccan Schools of Miniature Painting	**30**
	Practical: **1. Nature, and Object Study** **2. Painting Composition**	**70**
PRE- BOARD I & II	Unit – 1: The Rajasthani and Pahari Schools of Miniature Painting Unit -2 : The Mughal and Deccan Schools of Miniature Painting Unit – 3 : The Bengal School of Painting and the Modern Trends in Indian Art	**30**
	Practical: **1. Nature, and Object Study** **2. Painting Composition** **3. Portfolio Assessment**	**70**
BOARD EXAM	**Full Syllabus Practical/ Project:**	**30+70**

Subject: BUSINESS STUDIES (054) **Name of the Book: NCERT Book**

EXAM	TOPIC	MARKS
UT-1	Chapter 1 Nature and Significance of Management Chapter 2 Principles of Management Chapter 3 Business Environment Chapter 4 Planning Chapter 11 Marketing Management	**40**
HALF YEARLY	Chapter 1 Nature and Significance of Management Chapter 2 Principles of Management Chapter 3 Business Environment Chapter 4 Planning Chapter 5 Organizing Chapter 6 Staffing Chapter 7 Directing Chapter 11 Marketing Management Chapter 12 Consumer Protection	**80**
	Practical: Project: Synopsis ✓ Selection of Topic for project ✓ Primary data collection and questionnaire Secondary data collection and Research **Topic:** Principles of Marketing • **Task:** o Students will design a marketing campaign to promote local MP and Bihar products (e.g., Bhagalpuri silk or Gond art) in the national or international market. o Include creative jingles, advertisements, and slogans. **Art Element:** Students can design packaging, brochures, and posters using traditional motifs from MP and Bihar.	**20**
PRE- BOARD I & II	Chapter 1 Nature and Significance of Management Chapter 2 Principles of Management Chapter 3 Business Environment Chapter 4 Planning Chapter 5 Organizing Chapter 6 Staffing Chapter 7 Directing Chapter 8 Controlling Chapter 9 Financial Management Chapter 10 Financial Market Chapter 11 Marketing Management Chapter 12 Consumer Protection	**80**
	Practical: In Continuation of Half Yearly ✓ Organization and Analysis of data ✓ Project Presentation (First week of October) ✓ Final report writing ✓ Project preparation and Viva (Last week of October)	**20**
BOARD EXAM	**Full Syllabus Practical/ Project:**	**80+20**

Subject: ECONOMICS (030) **Name of the Book: NCERT Book**

EXAM	TOPIC	MARKS
UT-1	**Part A: Introductory Macroeconomics** Unit 1: National Income and Related Aggregates Unit 2: Money and Banking Unit 4: Government Budget and the Economy	**40**
HALF YEARLY	**Part A: Introductory Macroeconomics** Unit 1: National Income and Related Aggregates Unit 2: Money and Banking Unit 4: Government Budget and the Economy **Part B: Indian Economic Development** Unit 6: Development Experience (1947-90) and Economic Reforms since 1991 Unit 7: Current challenges facing Indian Economy	**80**
	Practical: Art- integrated [MP and Bihar]Project work and viva voice **Comparative Economic Growth Chart (Visual Art)Activity:**Students create a **graphical representation or infographic** comparing the economic growth trends of MP and Bihar over the years, focusing on GDP, agriculture, industries, and services. **Integration:Macroeconomics:** Include GDP trends, per capita income, and economic indicators. **Indian Economic Development:** Highlight key reforms, flagship policies, or projects unique to these states. **Art Element:** Use creative designs, colors, and icons to represent data. Encourage handmade charts or digital tools like Canva. **Project work and viva voice**	**20**
PRE- BOARD I & II	**Part A: Introductory Macroeconomics** Unit 1: National Income and Related Aggregates Unit 2: Money and Banking Unit 3: Determination of Income and Employment Unit 4: Government Budget and the Economy Unit 5: Balance of Payments **Part B: Indian Economic Development** Unit 6: Development Experience (1947-90) and Economic Reforms since 1991 Unit 7: Current challenges facing Indian Economy Unit 8: Development Experience of India- A Comparisons with Neighbours	**80**
	Practical: **Project work and viva voce**	**20**
BOARD EXAM	**Full Syllabus Practical/ Project:**	**80+20**

Subject: MATHEMATICS (041) **Name of the Book: NCERT Book**

EXAM	TOPIC	MARKS
UT-1	Chapter–1: Relations and functions Chapter–2: Inverse trignometry Chapter–3: Matrices Chapter–4: Determinants Chapter–12: Linear Programming	**40**
HALF YEARLY	Chapter–1: Relations and functions Chapter–2: Inverse trignometry Chapter–3: Matrices Chapter–4: Determinants Chapter–5: Differentiation Chapter–6: Application and derivatives Chapter–7: Integral Chapter–9: Differential equations Chapter–12: Linear Programming	**80**
	LAB ACTIVITIES	**20**
	EBSB ACTIVITY: Chapter 6: Applications of Derivatives **Concepts:** Tangents, normals, maxima, and minima. **Real-World Problems:** Solve maxima and minima problems related to land use in MP and Bihar. **Interactive Charts:** Design graphs of derivatives with regional art elements.	
PRE- BOARD I & II	**Theory:** Chapter–1: Relations and functions Chapter–2: Inverse trigonometry Chapter–3: Matrices Chapter–4: Determinants Chapter–5: Differentiation Chapter–6: Application and derivatives Chapter–7: Integral Chapter–8: Application of integral Chapter–9: Differential equations Chapter-10: Vector Algebra Chapter–11: Three Dimensional Chapter–12: Linear Programming Chapter–13: Probability	**80**
BOARD EXAM	**Full Syllabus Practical/ Project:**	**80+20**

Subject: HISTORY (027) **Name of the Book: NCERT Book**

EXAM	TOPIC	MARKS
UT-1	Theme 1: Bricks, Beads and Bones Theme 2: Kings, Farmers and Towns Theme 3: Kinship, Caste and Class Theme 4: Thinkers, Belief and Buildings Theme 5: Through the eyes of Travellers	**40**
HALF YEARLY	Theme 1: Bricks, Beads and Bones Theme 2: Kings, Farmers and Towns Theme 3: Kinship, Caste and Class Theme 4: Thinkers, Belief and Buildings Theme 5: Through the eyes of Travellers Theme 6: Bhakti - Sufi Traditions Theme 7: An imperial Capital - Vijaynagara Theme 8: Agrarian Society and The Mughal Theme 9 Colonialism and The Countryside Theme 10 Rebels and the Raj	**80**
	Practical: Project work as per the Guidelines CBSE Field Visit **EBSB PROJECT:** **Theme:** Religious Developments and Architecture **EBSB Activity:** 1. **Temple Design:** Create temple or stupa models combining features from MP's Sanchi Stupa and Bihar's Nalanda Mahavihara. 2. **Spiritual Music Fusion:** Organize a music session blending Baul songs (Bihar) and Bhajan traditions (MP). **Documentary:** Compile a short film comparing Buddhist and Hindu architectural styles in the two states.	**20**
PRE- BOARD I & II	Theme 1 Bricks, Beads and Bones Theme 2 Kings, Farmers and Towns Theme 3 Kinship, Caste and Class Theme 4 Thinkers, Beliefs and Buildings Theme 5 Through the Eyes of Travellers Theme 6 Bhakti –Sufi Traditions Theme 7 An Imperial Capital: Vijayanagar Theme 8 Peasants, Zamindars and the State Theme 9 Colonialism and The Countryside Theme 10 Rebels and the Raj Theme 11 Mahatma Gandhi and the Nationalist Movement Theme 12 Framing the Constitution Including Map Work of The Related Themes	**80**
	Practical: **Project work and Viva**	**20**
BOARD EXAM	**Full Syllabus Practical/ Project:**	**80+20**

Subject: POLITICAL SCIENCE (028) **Name of the Book: NCERT Book**

EXAM	TOPIC	MARKS
UT-1	**Part A: Contemporary World Politics** 1 The End of Bipolarity 2 New Centres of Power 3 Contemporary South Asia **Part B: Politics in India since Independence** 1 Challenges of Nation-Building 2 Planned Development 3 India's Foreign Policy	**40**
HALF YEARLY	**Part A: Contemporary World Politics** 1 The End of Bipolarity 2 New Centres of Power 3 Contemporary South Asia 4 United Nations and its Organizations 5 Security in Contemporary World **Part B: Politics in India since Independence** 1 Challenges of Nation-Building 2 Planned Development 3 India's Foreign Policy 4 Parties and Party System in India 5 Democratic Resurgence	**80**
	EBSB PROJECT: **Theme:** Economic policies and developmental planning in post-independence India. **EBSB Activities:** 1. **Model Making:** Showcase planned development through models of major irrigation projects in MP (e.g., Narmada Valley Project) and Bihar. 2. **Debate:** Discuss the pros and cons of planned development in states like MP and Bihar. 3. **Mural:** Create a mural depicting the Green Revolution's impact on agriculture in both states.	**20**
PRE- BOARD I & II	**Part A: Contemporary World Politics** 1 The End of Bipolarity 2 New Centres of Power 3 Contemporary South Asia 4 United Nations and its Organizations 5 Security in Contemporary World 6 Environment and Natural Resources 7 Globalization **Part B: Politics in India since Independence** 1 Challenges of Nation-Building 2 Planned Development 3 India's Foreign Policy 4 Parties and Party System in India 5 Democratic Resurgence 6 Regional Aspirations 7 Indian Politics: Recent Trends and Development	**80**
	PROJECT work and Viva	**20**
BOARD EXAM	**Full Syllabus Practical/ Project:**	**80+20**

Subject: GEOGRAPHY (029) **Name of the Book: NCERT Book**

EXAM	TOPIC	MARKS
UT-1	**PART-A: Fundamentals of physical geography** UNIT-1: Human geography UNIT2: People **PART-B: India: People and economy** UNIT-6: People UNIT-7: Human settlements UNIT-8: Resource and development	**40**
HALF YEARLY	**PART-A: Fundamentals of physical geography** UNIT-1: Human geography UNIT-2: People UNIT-3: Human activities UNIT-4: Transport communication and trade **PART-B: India: Physical environment** UNIT-6: People UNIT-7: Human settlements UNIT-8: Resource and development	**70**
	Practical: Art- integrated [MP and Bihar]Project work and viva voice **Chapter: Transport, Communication, and Trade Activity Title:** *Mapping Trade and Connectivity in MP and Bihar* **Task:** Create a thematic map showing major transport networks (railways, highways, and waterways) in MP and Bihar and their role in trade and communication. **Art Integration:** Decorate the maps using traditional *Gond* (MP) and *Madhubani art* (Bihar) to highlight key cities, routes, and ports like the Ganga river as a trade route. **Chapter: Population Activity Title: Pyramid and Cultural Symbolism** Task: Represent population data for MP and Bihar through population pyramids. Art Integration: Decorate the pyramids with motifs from *Bagh* and *Madhubani art* to symbolize regional identity. **Chapter: Human Settlements** **Activity Title:** *Traditional and Modern Settlements of MP and Bihar* Task: Create a visual comparison of rural and urban settlements in MP and Bihar, highlighting traditional and modern housing styles, population density, and urbanization trends. **Art Integration:** Students use cultural art forms (e.g., *Gond* designs for rural MP and *Madhubani* for rural Bihar) to depict traditional settlements and contrast them with modern ones. **UNIT-1: Processing of data and thematic mapping** Map Work on identification of features based on 1-5 units on theory outline Physical/Political map of World.	**30**
PRE- BOARD I & II	**PART-A: Fundamentals of physical geography** UNIT-1: Human geography UNIT-2: People UNIT -3: Human activities UNIT -4:Transport communication and trade **PART-B: India: Physical environment** UNIT-6: People	**70**

	UNIT-7: Human settlements UNIT -8: Resource and development UNIT -9: Transport communication and international trade UNIT-10: Geographical prospective on selective issue and problem	
	Practical: UNIT -1:Processing of data and thematic mapping UNIT-2: Spatial information technology Practical record book and viva voice	**30**
BOARD EXAM	**Full Syllabus Practical/ Project:**	**70+30**

Subject: PSYCHOLOGY (037) Name of the Book: NCERT Book

EXAM	TOPIC	MARKS
UT-1	Chapter 1 : Variations in Psychological Attributes Chapter 2 : Self and Personality Chapter 3 : Meeting Life Challenges	**40**
HALF YEARLY	Chapter 1 : Variations in Psychological Attributes Chapter 2 : Self and Personality Chapter 3 : Meeting Life Challenges Chapter 4 : Psychological Disorders Chapter 5 : Therapeutic Approaches	**70**
	EBSB Project & Viva Voce **Theme:** Coping mechanisms and resilience. **EBSB Activities:** 1. **Folk Theatre:** Use MP's Maach or Bihar's Jatra folk theatre to depict stories of overcoming challenges. 2. **Music for Resilience:** Explore how traditional songs of MP (e.g., Baiga lullabies) and Bihar (e.g., Bhojpuri songs) reflect coping strategies. 3. **Motivational Posters:** Create posters showcasing how individuals in MP and Bihar communities build resilience through cultural support systems.	**30**
PRE- BOARD I & II	Chapter 1 : Variations in Psychological Attributes Chapter 2 : Self and Personality Chapter 3 : Meeting Life Challenges Chapter 4 : Psychological Disorders Chapter 5 : Therapeutic Approaches Chapter 6 : Attitude and Social Cognition Chapter 7 : Social Influence and Group Processes	**70**
	Project Work & Viva Voce	**30**
BOARD EXAM	**Full Syllabus Practical/ Project:**	**70+30**

Subject: PHYSICAL EDUCATION (048) Name of the Book: Saraswati Publication

EXAM	TOPIC	MARKS
UT-1	Unit 1 Management of Sporting Events Unit 2 Children and Women in Sports Unit 3 Yoga as Preventive Measure for Lifestyle Disease Unit 4 Physical Education & Sports for (CWSN)	**40**
HALF YEARLY	Unit 1 Management of Sporting Events Unit 2 Children and Women in Sports Unit 3 Yoga as Preventive Measure for Lifestyle Disease Unit 4 Physical Education & Sports for (CWSN) Unit 5 Sports & Nutrition Unit 6 Test and Measurement in Sports Unit 7 Physiology & Injuries in Sport Unit 8 Biomechanics and Sports	**70**
	Practical: Physical Fitness Test: Proficiency in Games and Sports Yogic Practices Record File	**30**
PRE- BOARD I & II	Unit 1 Management of Sporting Events Unit 2 Children and Women in Sports Unit 3 Yoga as Preventive Measure for Lifestyle Disease Unit 4 Physical Education & Sports for (CWSN) Unit 5 Sports & Nutrition Unit 6 Test and Measurement in Sports Unit 7 Physiology & Injuries in Sport Unit 8 Biomechanics and Sports Unit 9 Psychology and Sports Unit 10 Training in Sports	**70**
	Practical: Physical Fitness Test: Proficiency in Games and Sports Yogic Practices Record File	**30**
BOARD EXAM	**Full Syllabus Practical/ Project:**	**70+30**

Subject: INFORMATICS PRACTICES (065) **Name of the Book: Sumita Arora**

EXAM	TOPIC	MARKS
UT-1	Chapter 1 Data Handling using Pandas – I Chapter 2 Data Handling using Pandas – II Chapter 3 Plotting with PyPlot Chapter 4 Importing/ Exporting Data between CSV files/MySql and Pandas	**40**
HALF YEARLY	**THEORY:** Chapter 1 Data Handling using Pandas – I Chapter 2 Data Handling using Pandas – II Chapter 3 Plotting with PyPlot Chapter 4 Importing/ Exporting Data between CSV files/MySql and Pandas Chapter 5 MySql Revision Tour Chapter 6 MySql Functions Chapter 7 Querying Using SQL Chapter 8 Joins and Set Operations Chapter 9 Introduction to Computer Networks	**70**
	PRACTICALS: Chapter 1 Data Handling using Pandas – I Chapter 2 Data Handling using Pandas – II Chapter 3 Plotting with PyPlot Chapter 4 Importing/ Exporting Data between CSV files/MySql and Pandas Chapter 5 MySql Revision Tour Chapter 6 MySql Functions Chapter 7 Querying Using SQL Chapter 8 Joins and Set Operations	**30**
PRE- BOARD I & II	**THEORY:** Chapter 1 Data Handling using Pandas – I Chapter 2 Data Handling using Pandas – II Chapter 3 Plotting with PyPlot Chapter 4 Importing/ Exporting Data between CSV files/MySql and Pandas Chapter 5 MySql Revision Tour Chapter 6 MySql Functions Chapter 7 Querying Using SQL Chapter 8 Joins and Set Operations Chapter 9 Introduction to Computer Networks Chapter 10 Introduction to Internet and Web Chapter 11 Societal Impacts Chapter 12 Data Protection	**70**
	PRACTICALS: Chapter 1 Data Handling using Pandas – I Chapter 2 Data Handling using Pandas – II Chapter 3 Plotting with PyPlot Chapter 4 Importing/ Exporting Data between CSV files/MySql and Pandas Chapter 5 MySql Revision Tour Chapter 6 MySql Functions Chapter 7 Querying Using SQL Chapter 8 Joins and Set Operations	**30**
BOARD EXAM	**Full Syllabus Practical/ Project:**	**70+30**

Subject: HINDUSTANI VOCAL MUSIC (034) **Name of the Book: NCERT Book**

EXAM	TOPIC	MARKS
UT-1	• Brief study of the following: - Alankar, Alap, Tana, Meend, and Gamak. • Historical development of Time Theory of Ragas.	**10**
HALF YEARLY	• Brief study of the following: - Alankar, Alap, Tana Meend, Gamak . • Historical development of Time Theory of Ragas • Detailed study of the following: Sangeet Ratnakar. • Description of Prescribed Talas along with Tala Notation with Thah, Dugun, and Chaugun: Jhaptala, Rupak Dhamar. • Critical study and writing in Notation the compositions of the prescribed Ragas along with recognizing Ragas from phrases of Swaras and elaborating them: Bhairav, Bageshri.	**30**
	PRACTICAL: • One Vilambit Khayal with simple elaborations and few tanas in any one of the prescribed Ragas: Bhairav, Bageshri. • One Drut Khayal with simple elaborations and few tanas in each of the following RagasBhairav, Bageshri, • Recitation of the Thekas of the following, Talas with Thah, Dugun and Chaugun, keeping tala with hand beats. Jhaptala, Rupak and Dhamar • Ability to recognize the Ragas from the Phrases of swaras rendered by the examiner. • Practical file	**70**
PRE- BOARD I & II	• Brief study of the following :- Gram, Murchhana, Kan, Khatka, Murki • Detailed study of the following: Sangeet Parijat • Brief study of the following :- Gram, Murchhana, Kan, Khatka, Murki • Detailed study of the following: Sangeet Parijat • Life sketch and contribution to music of: Faiyaz Khan, Bade Ghulam Ali Khan, Krishna Rao Shankar Pandit • Knowledge of tuning of the Tanpura • Critical study and writing in Notation the compositions of the prescribed Raga along with recognizing the Raga from phrases of Swaras and elaborating it: Malkauns.	**30**
	PRACTICAL: • One Drut Khayal with simple elaboration and few tanas in Raga Malkauns. • One Dhamar with Dugun and Chaugun in any one of the following Ragas: Malkauns, Bhairav, Bageshri • One Tarana in any one of the following prescribed Ragas: Malkauns, Bhairav and Bageshri. • Ability to recognize the prescribed Ragas from the phrases of Swaras rendered by the Examiner. • Tuning of Tanpura and questions regarding it. Practical file	**70**
BOARD EXAM	**Full Syllabus Practical/ Project:**	**30+70**

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