



SAINI INTERNATIONAL SCHOOL, MAHESHTALA & HOWRAH



CLASS XII

YEARLY PORTIONS

2022-23

ENGLISH

EXAM NAME	CHAPTER NAME/ NUMBER
UT 1	<p>COMPREHENSION</p> <p>LITERATURE</p> <p>FLAMINGO (PROSE)</p> <p>1.The Last Lesson 2.Deep Water 3. The Rattrap 4. Indigo</p> <p>POEM-</p> <p>1. My Mother at sixty-six 2. An Elementary School Classroom in a slum 3. Keeping Quiet 4. A Thing Of Beauty</p> <p>WRITING SKILL</p> <p>1. Job application 3. Report writing 4. Formal letters</p> <p>VISTAS</p> <p>1.The Third Level(Supplementary reader) 2. Journey to the end of the earth</p>
HALF YEARLY	<p>COMPREHENSION</p> <p>LITERATURE</p> <p>(FLAMINGO) PROSE</p> <p>1. Lost Spring 2. Deep Water 3. The Rattrap 4. Indigo 5. Poets and Pancakes 6. The Interview 7. Going Places</p> <p>POEM</p> <p>2. A Thing of Beauty 3. Aunt Jennifer's Tigers 4. A Roadside Stand</p> <p>VISTAS</p> <p>1. The Tiger King 2.The Enemy</p> <p>WRITING SKILL (As done in class)</p>

<p>UT 2</p>	<p>FLAMINGO (PROSE) 1.The last lesson 2. Indigo 3. The Interview 4. Going Places POEM 1.My mother at sixty-six 2. Keeping Quiet 3. A roadside stand VISTAS 1. On the Face of It 3. Memories of Childhood WRITING SKILL – Formal letters, speech, Article</p>
<p>PRE BOARD I</p>	<p>Comprehension Literature Flamingo (Prose) 1.The Last Lesson 2.Deep Water 3. The Rattrap 4.Indigo 5.Poets & Pancakes 6.The Interview 7. Going Places Poem 1. .My mother at sixty-six 2. Keeping Quiet 3. A Thing of Beauty 4. Aunt Jennifer's Tigers 5.A roadside stand WRITING SKILL 1.Note making 2.Job Application 3.Report writing 4.Formal Letters Vistas 1.The Third Level(Supplementary reader) 2. Journey to the end of the earth 3.The Tiger King 4.The Enemy</p>
<p>PRE BOARD II</p>	<p>Full Syllabus</p>

PHYSICS

EXAM NAME	CHAPTER NAME/ NUMBER
UT 1	Charges and electric field, electrostatic potential, Capacitor and capacitance, Magnetic effect of current, Electromagnetic induction
HALF YEARLY	Charges and electric field, electrostatic potential, Capacitor and capacitance, Magnetic effect of current, Electromagnetic induction , Current electricity, AC current Practical: <ol style="list-style-type: none">1. To determine resistance per cm of a given wire by plotting a graph for potential difference versus current2. To determine resistance of a galvanometer by half-deflection method and to find its figure of merit.3. To find resistance of a given wire using metre bridge and hence determine the resistivity (specific resistance) of its material4. To convert the given galvanometer (of known resistance and figure of merit) into an ammeter of desired range and to verify the same.
UT 2	Nuclei, Atom, Dual nature of matter, Ray optics
PRE BOARD I	Nuclei, Atom, Dual nature of matter , Ray optics, Wave optics, Electromagnetic Wave, Semiconductor ,Optical instrument Practical: <ol style="list-style-type: none">1. To find the focal length of a convex lens by plotting graphs between u and v or between $1/u$ and $1/v$.2. To find the focal length of a concave lens, using a convex lens.3. To determine angle of minimum deviation for a given prism by plotting a graph between angle of incidence and angle of deviation.4. To draw the I-V characteristic curve for a p-n junction diode in forward bias and reverse bias.
PRE BOARD II	<h1>Full Syllabus</h1>

CHEMISTRY

EXAM NAME	CHAPTER NAME/ NUMBER
UT 1	Solutions, Alcohols, Phenols & Ethers Haloalkanes and Haloarenes Chemical Kinetics Electro Chemistry
HALF YEARLY	Co-ordination Compounds Haloalkanes and Haloarenes, Amines Alcohols, Phenols and Ethers & Aldehydes
UT 2	Electrochemistry, Chemical Kinetics, d & f block elements Aldehydes, Ketones and Carboxylic Acids Coordination Compounds, Amines, Biomolecules
PRE BOARD I	Solutions, Alcohols, Phenols & Ethers Haloalkanes and Haloarenes Co-ordination Compounds Amines Electrochemistry, Chemical Kinetics
PRE BOARD II	Full Syllabus

MATHEMATICS

EXAM NAME	CHAPTER NAME/ NUMBER
UT 1	<ol style="list-style-type: none">1. Relation and Functions.2. Inverse Trigonometric Functions.3. Matrices.4. Determinants.
HALF YEARLY	<ol style="list-style-type: none">1. Relation and Functions.2. Inverse Trigonometric Functions.3. Matrices.4. Determinants.5. Continuity and Differentiability.6. Application of Derivative.7. Linear Programming.
UT 2	<ol style="list-style-type: none">1. Integrals.2. Application of Integrals.3. Differential Equations.
PRE BOARD I	<ol style="list-style-type: none">1. Integrals.2. Application of Integrals.3. Differential Equations.4. Vectors .5. Three Dimensional Geometry.6. Probability.
PRE BOARD II	<h1>Full Syllabus</h1>

BIOLOGY

EXAM NAME	CHAPTER NAME/ NUMBER
UT 1	Sexual Reproduction in flowering plants
HALF YEARLY	Sexual Reproduction in flowering plants, Human reproduction Reproductive health Principles of inheritance Evolution Molecular Inheritance
UT 2	Human Health and diseases, Microbes in human welfare
PRE BOARD I	Human Health and diseases, Microbes in human welfare Biotechnology- Principles and processes Biotechnology and it's application Organisms and Populations Ecosystem Biodiversity and it's conservation
PRE BOARD II	Full Syllabus

COMPUTER SCIENCE

EXAM NAME	CHAPTER NAME/ NUMBER
UT 1	Unit I: Computational Thinking and Programming – 2(UPTO CSV FILES)
HALF YEARLY	Unit I: Computational Thinking and Programming – 2(FULL)
UT 2	Unit II: Computer Networks Unit III: Database management
PRE BOARD I	Unit I: Computational Thinking and Programming – 2(FULL) Unit II: Computer Networks
PRE BOARD II	Full Syllabus

INFORMATION TECHNOLOGY

EXAM NAME	CHAPTER NAME/ NUMBER
UT 1	Part A UNIT 1,2 Part B unit 1
HALF YEARLY	Part A UNIT 1,2,3 Part B UNIT 1,2
UT 2	Part A UNIT 4,5 Part B Unit 3 (upto CONTROL FLOW)
PRE BOARD I	Part A UNIT 4,5 Part B Unit 3,4
PRE BOARD II	Full Syllabus

PSYCHOLOGY

EXAM NAME	CHAPTER NAME/ NUMBER
UT 1	<ul style="list-style-type: none">• Variations in psychological attributes (Chapter 1)• Self & Personality (Chapter 2)• Meeting Life Challenges (Chapter 3)
HALF YEARLY	<ul style="list-style-type: none">• Psychological Disorders• Therapeutic Approaches
UT 2	<ul style="list-style-type: none">• Social Influence and group (till group polarisation)• Attitude & Social Cognition (till strategies handling prejudice)
PRE BOARD I	<ul style="list-style-type: none">• Social Influence and group(till group polarisation)• Attitude & Social Cognition• Therapeutic Approches
PRE BOARD II	<h1>Full Syllabus</h1>

ACCOUNTANCY

EXAM NAME	CHAPTER NAME/ NUMBER
UT 1	<ul style="list-style-type: none">• Change in profit sharing ratio• Admission of a partner• Financial Statements of a company
HALF YEARLY	<ul style="list-style-type: none">• Fundamentals of partnership• Change in PSR• Admission of a partner• Financial Statements of company• Accounting Ratio• NPO.
UT 2	<ul style="list-style-type: none">• Retirement of partner or death• Dissolutions of partnership
PRE BOARD I	<ul style="list-style-type: none">• NPO• Retirement or death of partner• Dissolution of partnership firm• Issue and redemption of debentures• Comparative common Size statement• Cash flow statement
PRE BOARD II	<h1>Full Syllabus</h1>

BUSINESS STUDIES

EXAM NAME	CHAPTER NAME/ NUMBER
UT 1	<ul style="list-style-type: none">• Nature and significance of management• Business Environment• Planning, Principles of management
HALF YEARLY	<ul style="list-style-type: none">• Nature and significance of management• Business Environment• Planning• Principles of management• Organising
UT 2	<ul style="list-style-type: none">• Staffing• Directing,• Financial Statements
PRE BOARD I	<ul style="list-style-type: none">• Staffing• Directing• Controlling• Financial market• Financial management,• Consumer Protection act• Marketing management
PRE BOARD II	<h1>Full Syllabus</h1>

ECONOMICS

EXAM NAME	CHAPTER NAME/ NUMBER
UT 1	<p>Part A: Introductory Macroeconomics</p> <ul style="list-style-type: none"> ▪ Money and Banking ▪ Government Budget and the Economy ▪ Balance of Payments <p>Part B: Indian Economic Development</p> <ul style="list-style-type: none"> ▪ Development Experience (1947-90) and Economic Reforms since 1991: <ul style="list-style-type: none"> ● Indian Economy on the eve of Independence ● Indian Economy (1950-90) ● Liberalisation, Privatisation and Globalisation : An Appraisal
HALF YEARLY	<p>Part A: Introductory Macroeconomics</p> <ul style="list-style-type: none"> ▪ Money and Banking ▪ Government Budget and the Economy ▪ Balance of Payments <p>National Income and Related Aggregates Circular Flow of Income</p> <p>Part B: Indian Economic Development</p> <ul style="list-style-type: none"> ▪ Development Experience (1947-90) and Economic Reforms since 1991: <ul style="list-style-type: none"> ● Indian Economy on the eve of Independence ● Indian Economy (1950-90) ● Liberalisation, Privatisation and Globalisation : An Appraisal ▪ Current challenges facing Indian Economy <ul style="list-style-type: none"> ● Human Capital Formation ● Rural development
UT 2	<p>Part A: Introductory Macroeconomics</p> <ul style="list-style-type: none"> ▪ National Income and Related Aggregates ▪ Determination of Income and Employment
PRE BOARD I	<p>Part A: Introductory Macroeconomic</p> <p>Money and Banking</p> <ul style="list-style-type: none"> ▪ National Income and Related Aggregates ▪ Determination of Income and Employment, <p>Part B</p> <p>Current challenges facing Indian Economy</p> <ul style="list-style-type: none"> ▪ Development Experience of India –A Comparison with Neighbours- <ul style="list-style-type: none"> ● Comparative Development Experience of India and its Neighbours
PRE BOARD II	<h1 style="font-size: 2em; margin: 0;">Full Syllabus</h1>

ENTREPREUNERSHIP

EXAM NAME	CHAPTER NAME/ NUMBER
UT 1	<ul style="list-style-type: none">• Entrepreneurial Opportunity• Entrepreneurial Planning
HALF YEARLY	<ul style="list-style-type: none">• Entrepreneurial Opportunity• Entrepreneurial Planning• Business arithmetic
UT 2	<ul style="list-style-type: none">• Enterprise marketing• Enterprise growth strategies• Business Arithmetic
PRE BOARD I	<ul style="list-style-type: none">• Enterprise marketing• Enterprise growth strategies• Business Arithmetic
PRE BOARD II	Full Syllabus

HISTORY

EXAM NAME	CHAPTER NAME/ NUMBER
UT 1	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
HALF YEARLY	Theme 6 Bhakti –Sufi Traditions Theme 7 An Imperial Capital: Vijayanagara Theme 8. Peasant Zamindars and state Theme 9 Kings and Chronicles Theme 10 Colonialism and The Countryside
UT 2	Theme 11 Rebels and the Raj Theme 12. Colonial cities Theme 13 Mahatma Gandhi and the Nationalist Movement Theme 14 Understanding Partition Theme 15 Framing the Constitution
PRE BOARD I	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: Vijayanagara
PRE BOARD II	Full Syllabus

POLITICAL SCIENCE

EXAM NAME	CHAPTER NAME/ NUMBER
UT 1	Book- Contemporary World Politics: Chapter 2- The End of Bipolarity Book- Politics in India Since Independence: Chapter 9- Challenges of Nation Building Chapter 10- Planning and Development
HALF YEARLY	Book- Contemporary World Politics: Chapter 2- The End of Bipolarity Chapter 3- New Centres of Power Chapter 4-South Asia and Contemporary World Book- Politics in India Since Independence: Chapter 9- Challenges of Nation Building Chapter 10- Planning and Development Chapter 11- India's Foreign Policy Chapter 12- Parties and The Party Systems in India.
UT 2	Book- Contemporary World Politics: Chapter 5- United Nations and its Organizations Chapter 6- Security in Contemporary World Book- Politics in India Since Independence: Chapter 13- Democratic Resurgence Chapter 14- Social and New Social Movements Chapter 15 – Regional Aspirations
PRE BOARD I	Book- Contemporary World Politics: Chapter 2- The End of Bipolarity Chapter 3- New Centres of Power Chapter 4-South Asia and Contemporary World Chapter 5- United Nations and its Organizations Book- Politics in India Since Independence: Chapter 9- Challenges of Nation Building Chapter 10- Planning and Development Chapter 11- India's Foreign Policy Chapter 12- Parties and The Party Systems in India.
PRE BOARD II	Full Syllabus

GEOGRAPHY

EXAM NAME	CHAPTER NAME/ NUMBER
UT 1	Fundamental Of Human Geography:- <ul style="list-style-type: none"> • Human Geography: Nature & Scope • The World Population: Distribution, Density & Growth India People & Economy:- <ul style="list-style-type: none"> • Population: Distribution, Density, Growth & Composition • Human Settlements Map Pointing – World
HALF YEARLY	Fundamental Of Human Geography:- <ul style="list-style-type: none"> • Human Geography: Nature & Scope • The World Population: Distribution, Density & Growth • Secondary Activities • Human Development • Primary Activities India People & Economy:- <ul style="list-style-type: none"> • Population: Distribution, Density, Growth & Composition • Land Resources & Agriculture • Water Resources • Mineral & energy Resources Map Pointing – World Practical: <ul style="list-style-type: none"> • Type & Sources of data: Primary, secondary & other sources • Tabulating & processing of data; Calculation of average measures, measures of central tendency. • Introduction to GIS, hardware requirements and software modules; data formats, raster & vector data, data input, editing & topology building, data analysis, overlay & buffer.
UT 2	Fundamental Of Human Geography:- <ul style="list-style-type: none"> • Tertiary & Quaternary Activities • Transport & Communication • International Trade India People & Economy:- <ul style="list-style-type: none"> • Planning & Sustainable Development in Indian Context • Transport & Communication • International Trade Map Pointing – India

PRE BOARD I

Fundamental Of Human Geography:-

- Human Geography: Nature & Scope
- The World Population: Distribution, Density & Growth
- Secondary Activities
- Human Development
- Primary Activities

India People & Economy:-

- Population: Distribution, Density, Growth & Composition
- Land Resources & Agriculture
- Water Resources
- Mineral & energy Resources

Map Pointing – World

Map Pointing – India

Practical:

- Representation of data construction of diagrams: bars, circles & flow chart;
Thematic maps
- Construction of Dot, Choropleth&Isopleth maps.

PRE BOARD II

Full Syllabus

PHYSICAL EDUCATION

EXAM NAME	CHAPTER NAME/ NUMBER
UT 1	UNIT - 1: Planning in sports UNIT - 5: Sports & Nutrition UNIT - 2: Children & Women in Sports
HALF YEARLY	UNIT-1:Planninginsports UNIT-5:Sports&Nutrition UNIT-2:Children&WomeninSports UNIT - 6: Test & Measurement in UNIT - 8 Biomechanics & Sports
UT 2	UNIT - 3: Yoga & Lifestyle UNIT - 4: Physical Education & Sports for CWSN UNIT - 7: Physiology & Injuries in Sports
PRE BOARD I	UNIT-3:Yoga&Lifestyle UNIT-4:PhysicalEducation&SportsforCWSN UNIT-7:Physiology&InjuriesinSports UNIT - 9: Psychology & Sports UNIT - 10 Training in Sports
PRE BOARD II	Full Syllabus

YOGA

EXAM NAME	CHAPTER NAME/ NUMBER
UT 1	Unit 1: Introduction to yoga and yogic sciences and Employability skills.
HALF YEARLY	Unit 1: Introduction to yoga and yogic practices and employability skills. Unit 2: Introduction to Texas and employability skills.
UT 2	Unit 2: Introduction to yoga texts and employability skills Unit 3: Yoga for health promotion and employability skills
PRE BOARD I	Unit 1: Introduction to yoga and yogic sciences and Employability skills. Unit 2: Introduction to yoga texts and employability skills
PRE BOARD II	Full Syllabus