

# SHIKSHA NIKETAN SCHOOL

SESSION: 2024-25

## SYLLABUS OF 10<sup>TH</sup> CLASS

SUBJECT: ENGLISH

BOOKS PRESCRIBED: A TEXT BOOK FOR CLASS 10<sup>TH</sup> (TULIP SERIES)

EXAMS	MONTH	DAYS	CONTENT	
FA1	March (13)	4	Prose – Footprints without Feet	
		2	Poem – Prayer with poetic devices and stanza wise explanation	
		2	Writing Skill – Notice Writing	
		2	Grammar – Modals	
		3	Prose – An Excellent Father	
	April (23)		3	Short Story – The Necklace
3			Poem – Miracles with poetic devices and stanza wise explanation	
2			Grammar – Subject verb Agreement	
2			Writing Skill – Message Writing	
6			Play – The Proposal	
3			Poem – When you are old with poetic devices and stanza wise explanation.	
May (14)		4	Prose – From the Diary of a young girl.	
		3	Revision of FA1	
PRE-GOLDEN		2	Poem – Speak up with poetic devices and stanza wise explanation.	
		3	Short Story – Bholi	
		2	Narration [Assertive Narration only]	
	June (3)		1	Grammar Articles
			2	Writing Skill – Letter Writing [Formal]
	July (9)		3	Short Story – Abhiley
			4	Prose – Long Walk to Freedom
			2	Poem – Snowdrop with poetic devices and stanza wise explanation.
	August (20)		3	Short Story – Out of Business
			4	Narration [Interrogative + Exclamatory + Imperative Narration]
			3	Prose – The Sermon at Benares.
			3	Poem – My mother at SixtySix with poetic devices and stanza wise explanation.
2			Writing skill- Letter Writing [Informal]	
3			Revision of Pre-Golden	

**SUBJECT: MATHEMATICS**

**BOOK PRESCRIBED: A TEXT BOOK FOR CLASS 10<sup>TH</sup>**

**PUBLICATION: JK BOSE**

EXAMS	MONTHS	DAYS	TOPICS	SUB TOPICS
FA1	March (13)	9	Real Numbers	1. Introduction 2. The Fundamental Theorem of Arithmetic. 3. Revisiting Irrational Numbers.
		4	Triangles	1. Introduction 2. Similar Figures
	April (23)	8	Triangles	3. Similarity of Triangles 4. Criteria for Similarity of Triangles
		10	Circles	1. Introduction 2. Tangent to a Circle 3. No. of tangents from a point on a circle.
	5	Polynomials	1. Introduction 2. Geometrical meaning of the zeroes of a polynomial.	
May (7)	7		<b>Revision of FA1 Syllabus.</b>	
PRE-GOLDEN	May (7)	7	Quadratic Equations	1. Introduction 2. Quadratic Equations. 3. Solution of Quadratic Equation By Factorization.
	June (3)	3	Quadratic Equations	4. Nature of Roots.
	July (9)	9	Introduction to Trigonometry	1. Introduction 2. Trigonometric Ratios. 3. Trigonometric Ratios of some specific Angles.
	August (20)	3	Introduction to Trigonometry	4. Trigonometric Identities
7		Some Applications of Trigonometry	1. Heights and Distances	
	5	Probability	1. Theoretical Approach	
	5		<b>Revision of Pre-Golden Exam and FA1 Syllabus</b>	

**SUBJECT: PHYSICS/CHEMISTRY****BOOKS PRESCRIBED: A TEXT BOOK FOR CLASS 10<sup>TH</sup>****PUBLICATION: JK BOSE**

<b>EXAMS</b>	<b>MONTHS</b>	<b>DAYS</b>	<b>CONTENT</b>
<b>FA1</b>	<b>March (13)</b>	<b>13</b>	<b>Light</b> <ul style="list-style-type: none"><li><input type="checkbox"/> <b>BASIC TERMS RELATED TO LIGHT</b></li><li><input type="checkbox"/> <b>MIRRORS &amp; IT'S TYPES</b></li><li><input type="checkbox"/> <b>REFLECTION OF LIGHT &amp; LAWS OF REFLECTION OF LIGHT</b></li><li><input type="checkbox"/> <b>RULES FOR IMAGE FORMATION BY SPHERICAL MIRRORS</b></li><li><input type="checkbox"/> <b>IMAGE FORMATION BY SPHERICAL MIRRORS</b></li><li><input type="checkbox"/> <b>NEW CARTESIAN SIGN CONVENTION FOR SPHERICALMIRRORS</b></li><li><input type="checkbox"/> <b>MAGNIFICATION PRODUCED BY SPHERICAL MIRRORS</b></li><li><input type="checkbox"/></li></ul>
	<b>April (23)</b>	<b>12</b>	<b>Light</b> <ul style="list-style-type: none"><li><input type="checkbox"/> <b>REFRACTION OF LIGHT &amp; IT'S CAUSE</b></li><li><input type="checkbox"/> <b>REFRACTION OF LIGHT &amp; LAWS OF REFRACTION OF LIGHT</b></li><li><input type="checkbox"/> <b>REFRACTION THROUGH GLASS SLAB</b></li><li><input type="checkbox"/> <b>SPHERICAL LENS &amp; IT'S TYPES</b></li><li><input type="checkbox"/> <b>RULES FOR IMAGE FORMATION BY SPHERICAL LENS</b></li><li><input type="checkbox"/> <b>IMAGE FORMATION BY SPHERICAL LENSES</b></li><li><input type="checkbox"/> <b>MAGNIFICATION PRODUCED BY SPHERICAL LENSES</b></li><li><input type="checkbox"/> <b>POWER OF A LENS</b></li></ul>
		<b>11</b>	<b>Chemical Reaction and Equations</b> <ul style="list-style-type: none"><li>➤ <b>CHEMICAL EQUATIONS &amp; IT'S BALANCING</b></li><li>➤ <b>CHEMICAL REACTIONS &amp; IT'S CHARACTERISTICS</b></li></ul>

	<b>May (14)</b>	4	Chemical Reaction and Equations <ul style="list-style-type: none"> <li>➤ <b>TYPES OF CHEMICAL REACTIONS</b></li> <li>➤ <b>OXIDATION IN EVERYDAY LIFE - CORROSION &amp; RANCIDITY</b></li> </ul>
		3	Revision of FA1 Syllabus
		7	Human eye and colourful World <ul style="list-style-type: none"> <li>➤ Human Eye and It's Working</li> <li>➤ Accommodation of Eye- Range of Vision</li> <li>➤ Defects Of Vision</li> <li>Dispersion Of Light</li> </ul>
<b>PRE-GOLDEN</b>	<b>June (3)</b>	3	Human eye and colourful World <ul style="list-style-type: none"> <li>➤ Atmospheric Refraction of Light</li> <li>➤ Scattering Of Light</li> <li>Tyndall Effect</li> </ul>
	<b>July (9)</b>	9	Acids, Bases and Salts <ul style="list-style-type: none"> <li>➤ The Definitions of Acids, Bases And Salts</li> <li>➤ General Characteristics,</li> <li>➤ Examples &amp; Applications</li> <li>➤ The Idea of Ph Scale (Definition Pertaining To Logarithm Not Required): the significance of pH in daily life.</li> </ul>
	<b>August (20)</b>	6	Acids, Bases and Salts The preparation and application of sodium hydroxide, baking soda, bleaching powder, washing soda and plaster of Paris.
		10	Electricity (up to Domestic electric circuit parallel and series combination, including numericals) <ul style="list-style-type: none"> <li>• Electric charge</li> <li>• Electric Current, Electric potential</li> <li>• Ohms Law</li> <li>• Resistance and Resistivity</li> <li>• Parallel and series combination of resistors</li> </ul>
		4	Revision of Pre Golden

**SUBJECT: BIOLOGY****BOOKS PRESCRIBED: A TEXT BOOK FOR CLASS 10<sup>TH</sup>****PUBLICATION: JK BOSE**

EXAMS	MONTHS	DAYS	CONTENT
FA1	March (13)	13	❖ Life Processes <ul style="list-style-type: none"> <li>• What are Life Processes?</li> <li>• Nutrition – Autotrophic Nutrition, Heterotrophic Nutrition, How do animals obtain their nutrition? Nutrition in Human beings.</li> </ul>
	April (23)	23	<ul style="list-style-type: none"> <li>• Respiration</li> <li>• Transportation: Transportation in Plants.</li> <li>• Excretion: Excretion in human beings.</li> </ul>
	May (14)	2 5	Excretion in Plants Revision of FA1 Syllabus
PRE-GOLDEN	May (14)	7	❖ Heredity And Evolution <ul style="list-style-type: none"> <li>• Accumulation of variation during reproduction</li> <li>• Heredity: Inherited traits, Rules for the inheritance of traits.</li> </ul>
	June (3)	3	Mendel's Contribution
	July (9)	9	How do these traits get expressed? Sex determination
	August (20)	15  5	❖ Control And Coordination <ul style="list-style-type: none"> <li>• Animals – Nervous System, What happens in Reflex Action? Human Brain; How are these tissues protected? How does Nervous tissue cause action?</li> </ul> Revision of Pre-Golden

**SUBJECT: SOCIAL SCIENCE****BOOKS PRESCRIBED: A TEXT BOOK OF SOCIAL SCIENCE****PUBLICATION: JK BOSE**

EXAMS	MONTHS	DAYS	CONTENT
FA1	March (13)	13	<b>HIS.:</b> The Rise of Nationalism in Europe <ul style="list-style-type: none"> <li>(i) The French Revolution</li> <li>(ii) The Making of Nationalism in Europe</li> <li>(iii) The Age of Revolutions. [1830-1848]</li> <li>(iv) The Making of Germany and Italy</li> <li>(v) Visualizing the Nation</li> <li>(vi) Nationalism and Imperialism</li> </ul>
	April (23)	5	<b>GEO.:</b> Resources and Development <ul style="list-style-type: none"> <li>(i) Development of Resources</li> <li>(ii) Resource planning in India</li> <li>(iii) Land Resources</li> <li>(iv) Land utilization</li> <li>(v) Land use pattern in India</li> <li>(vi) Land Degradation and Conservation Measures</li> <li>(vii) Soil as a Resource</li> <li>(viii) Classification of Soils</li> <li>(ix) Soil Erosion and Soil Conservation</li> </ul> <b>Excluded Topic:- Types of Resources</b>
		4	<b>POL.SC.:</b> Power Sharing <ul style="list-style-type: none"> <li>(i) Case studies of Belgium and Srilanka</li> <li>(ii) Why Power sharing is desirable?</li> </ul>

			<b>(iii)</b> Forms of Power sharing
		5	<b>ECO.:</b> Understanding J&K Economy <b>(i)</b> Contribution of Major Sectors in J&K <b>(ii)</b> Economic importance of Primary Sector <b>(iii)</b> Agriculture allied Sectors, Major Crops, Live Stock, Horticulture <b>(iv)</b> Fishers, Forest, Mining Quarrying <b>(v)</b> Economic importance of Secondary Sector <b>(vi)</b> Hurdles in Economic Development
		6	<b>HIS.:</b> Nationalism in India <b>(i)</b> The First World War, Khilafat and Non-cooperation Movement. <b>(ii)</b> Differing strands with in the Movement <b>(iii)</b> Non-Cooperation Movement in Jammu and Kashmir <b>(iv)</b> Towards Civil Disobedience <b>(v)</b> The Sense of Collective Belonging <b>(vi)</b> Cultural awakening and Growth of nationalism in Jammu & Kashmir Region
<b>PRE-GOLDEN EXAMS</b>	<b>May (14)</b>	4	<b>POL.SC.:</b> Federalism <b>(i)</b> What is Federalism? <b>(ii)</b> What make India a Federal country? <b>(iii)</b> How is Federalism practiced? <b>(iv)</b> Decentralization in India.
		6	Revision of FA1
	<b>June (3)</b>	10	<b>GEO.:</b> Forest and Wildlife <b>(i)</b> Types of Resources: Biodiversity or Biological Diversity <b>(ii)</b> Vanishing forests. <b>(iii)</b> Asiatic Cheetah:- Where did they go? <b>(iv)</b> conservation of forest and wild life in India <b>(v)</b> Project Tiger <b>(vi)</b> Types of Distribution of forests & Wild life resources. <b>(vii)</b> Community and Conservation. <b>Excluded Topics:- Flora and Fauna in India, The Himalayan yew in Trouble</b> <b>(TO BE ASSESSED IN PERIODIC TESTS)</b>
		6	<b>HIS.:</b> The Making of a Global World <b>(i)</b> The Pre-Modern World <b>(ii)</b> The Nineteenth century (1815-1914) <b>(iii)</b> The Case of Begar (Forced labour in Kashmir) <b>(iv)</b> The Inter-war Economy <b>(v)</b> Rebuilding a World Economy
	<b>July (9)</b>	2	<b>GEO.:</b> Water Resources <b>(i)</b> Water Scarcity and the Need for water conservation and Management. <b>(ii)</b> Multipurpose River Projects and Integrated Water Resources Management. <b>(iii)</b> Rain Water Harvesting. <b>(TO BE ASSESSED IN PERIODIC TESTS)</b>
		5	<b>GEO.:</b> Agriculture <b>(i)</b> Types of Farming <b>(ii)</b> Cropping Pattern <b>(iii)</b> Major Crops <b>(iv)</b> Technological and Institutional Reforms
	<b>August (20)</b>	4	<b>ECO.:</b> Employment Generation <b>(i)</b> Potential and Scope for Employment Generation <b>(ii)</b> Special Industry Initiative (SII J&K)

			(iii) Towards Employment Initiative (iv) Sectoral Initiatives taken by the Govt. for Employment
		6	<b>POL.SC.:</b> Gender, Religion & Caste (i) Gender and Politics (ii) Religion, Communalism and Politics (iii) Caste and Politics
		6	<b>HIS.:</b> The Age of Industrialization (i) Before the Industrial Revolution (ii) Hand labour and Steam Power (iii) Industrialization in the colonies (iv) Factories came up (v) Growth of Industries in Jammu and Kashmir (vi) The Peculiarities of Industrial Growth (vii) Markets for goods

विषय: हिन्दी

पाठ्यक्रम – नव भारती कक्षा – 10

व्याकरण – मानक सचित्र हिन्दी व्याकरण तथा रचना

परीक्षा	महीना तथा कुल दिवस	विभाजित दिवस	प्रकरण
प्रथम आंकलन	मार्च (13)	4 4 3 1 1	पद्य भाग: पाठ-1 साखी पाठ-2 दोहे पद्य साहित्य-संक्षिप्त परिचय व्याकरण – पर्यायवाची, विलोम, वाक्यांश, अनेकार्थी, मुहावरे, संज्ञा पुनरावृत्ति
	अप्रैल (23)	2 4 5 4 3 3 2	पद्य तथा गद्य भाग: पाठ-3 जम्मू कश्मीर में हिंदी पाठ-4 हमारा प्यारा भारतवर्ष पद्य साहित्य-आदिकाल व्याकरण-संधि (स्वर संधि) सर्वनाम, विशेषण निबंध-सामाजिक पत्र-औपचारिक पुनरावृत्ति
	मई (7)	7	पुनरावृत्ति
प्री-गोल्डन परीक्षा	मई (7)	4 2 1	पद्य भाग: पाठ-5 नारी शृंगार निबंध-वैज्ञानिक पुनरावृत्ति
	जून (3)	3	पद्य भाग: पाठ-6 कैकेयी का अनुताप
	जुलाई (9)	4 4	गद्य भाग: पाठ-9 सपनों के-से दिन व्याकरण – अलंकार, विराम चिह्न, क्रिया

		1	पुनरावृत्ति
	अगस्त (20)	3	पद्य भाग: पाठ-7 पर्वत प्रदेश में पावस
		3	व्याकरण – वाक्य विश्लेषण
		3	संधि-व्यंजन संधि, विसर्ग संधि
		3	समास, उपसर्ग, प्रत्यय
		4	पद्य साहित्य-भक्तिकाल
		2	निबंध: पर्यायवरण संबंधी
		1	पत्र: औपचारिक
		1	पुनरावृत्ति

**MRS. VEENA GUPTA**  
**HIGH WING INCHARGE**