SHIKSHA NIKETAN SCHOOL SYLLABUS OF 8TH CLASS SESSION 2023-24

SUBJECT: ENGLISH

BOOKS PRESCRIBED: A TEXT BOOK FOR CLASS 8TH PUBLICATION: JK BOSE

+	_	Content
-	4	How Teachers Learn
(19)	4	Poem – Nation's Strength
	3	Paragraph Writing
	4	Tenses – Present Tense & Past Tense
	4	Revision of the language work of the Prose
May	4	The Unthankful Man
-	_	Poem – Porus and his Elephant
(- ',		Letter Writing (formal & Informal)
		Revision of U1
May		Modals (Can, Could, May, Might)
-		
	5	Prose Life
	4	Short Story – Achilies
-		Poem-The Bangle Seller
(,	3	Punctuation
	2	Revision of the Poem and Languages work of Prose
Διισιιετ		Diary – Entry
		Email Writing
(23)		Polythene – A Disaster
		Poem – Mercy
		Short Story – Rustam and Sohrab
		Dialogue Writing
		Articles
		Tenses – Past + Future
Contombor	_	
-		Narration (Intro and Assertive narration) Poem – Brook
(10)		
		Prose – Global Warming
		Poem – Prayer for Strength
		Picture and complete the paragraph
0-4-1-		If Clauses
		Prose – For God's Sake, hold thy tongue
(20)		Poem – Wrinkles
		Meeting Poets
	-	Short Story – Colours of Rainbow
		Preposition
		Revision of Writing Skills
		Prose – The King of Games
(22)		Play – A Strange trial
		Poem – Summer and Winter
		Narration – Interrogative & Imperative
		Pictoral Description
 		Modals
		Conjunction
(11)		Poem Stars Speak to Man
		Revision of Poem – Summer and Winter
<u> </u>		Revision of If Clause
January	2	Prose – Julius Ceaser
(15)	2	Practise of Unseen passage
	3	Language work of Proses
	3	Narration – Revision of Narration
	3	Tenses (Present, Past & Future) - Revision
	2	Revision of Syllabus till Jan.
1	1	Revision of T2 Syllabus
February (23)		Nevision of 12 Syllabus
	Month April (19) May (14) May (3) June (5) July (11) August (25) September (16) October (20) November (22) December (11)	April (19) 4 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4

SUBJECT: MATHEMATHICS

BOOK PRESCRIBED:A TEXTBOOK OF MATHEMATICS FOR CLASS $\mathbf{8}^{\text{TH}}$

PUBLICATIONS: JK BOSE

	TIONS: JK I Months	Days	Topics	Sub Topics
		6	Rational Numbers.	i) Introduction ii) Properties of Rational Nos. iii) Representation of Rational Nos. of Number line. iv) Rational Nos. between two numbers.
	April (19)	9	Understanding Quadrilaterals	 i) Introduction of Polygon. ii) Types of Quadrilaterals iii) Angle sum property of Polygons i.e. exterior as well as interior angles. iv) Properties of Quadrilaterals.
		04	Linear Equation in One variable	 i) Introduction ii) Solving Eqs. Which have Linear Expression on one side and numbers on other side by step-method. iii) Solving Eqs. having the variables on both sides by Transpose Method.
U1	May (14)	10	Linear Equation in one variable	iv) Applications of LinearEqs. in one variable
		04		Revision of U1.
	May (3)	03	Introduction to Graphs.	i) Introduction to a bar graph, double bar graph,pie graph, histogram, and a Line graph.
	June (5)	5	Introduction to Graphs.	ii) Location of a point. ii) Location of Coordinate
	July (11)	8	Square and Square Roots.	 i) Introduction to Square nos. ii) Properties of Sq. nos. iii) Finding the square root of a no. by factorization & by division method. iv) Pythagorean Triplet.
		3	Cube and Cube Roots	i) Introduction to Cube and Cube roots.ii) Find Cube root by Prime factorization.
Pre- Golden Exam		2	Cube and cube roots	iii) Find cube root by estimation Method.
		10	Practical Geometry	 i) To construct angle, and Perpendicular bisector of given line segment. ii) Construct a quad. When various dimensions are given.
	August (25)	13	Comparing Quantities	 i) Concept of Ratio and Percentage ii) Concept of increase and decrease percentage. iii) Concept of C.P, S.P, Profit, Loss and discount. iv) Concept of Simple Interest and Compound Interest and its applications.
		5	Exponents and powers	i) Introduction of Laws of Exponents. ii) Concept of Standard and Usual form.
	Sept. (16)	6	Data Handling	 i) Introduction ii) Organizing data iii) Circle Graph or pie chart iv) Chance and Probability.
	1	5	1	Revision of Pre- Golden Exams.

	Oct. (20)	13	Algebraic Expression and Identities.	 i) What are Expressions. ii) Terms, factors & Co-efficients. iii) Addition, Subtraction & Multiplication. iv) What is an identity. v) Standard identities.
		7	Mensuration	i) Introductionii) Area of Quadrilateraliii) Concept of plane and solid figure.
Golden Exam		6	Mensuration	iv) Surface area of Cube, Cuboid and Cylinder.v) Volume of Cube, Cuboid and Cylinder.
	Nov. (22)	10	Factorization	 i) Introduction. ii) Factors of Algebraic Expression. iii) Methods of Common Factors. iv) Factorization by regrouping v) Factorization by using Identities vi) Division of Algebraic Expression. vii) Finding error.
		6		Revision of Golden Exams.
	Dec. (11)	7	Playing with Numbers.	i) Introductionii) No. in General Form.iii) Letters for digitsiv) Test for Divisibility
Pre- Board Exam		4	Direct and Inverse Proportion.	i) Introduction of Proportion.ii) Direct Proportion.iii) Inverse Proportion.
	Jan.	2		iv) Applications of Direct and Inverse Proportion.
	(15)	13		Revision of Board Exams.
	Feb.(7)	7		Revision of T2 Syllabus.

SUBJECT: SCIENCE

BOOKS PRESCRIBED: A TEXT BOOK FOR CLASS 8TH

	PUBLICATION: JK BOSE				
EXAM	MONTH	DAYS	CHAPTER/CONTENT		
	APRIL	06	Micro-Organism: Friend and Foe		
	(19)	08	Stars and Solar System		
U1		05	Coal and Petroleum		
	MAY	10	Conservation of Plants and Animals		
	(17)	04	Revision of U1		
		03	Sound		
	JUNE (05)	05	Sound		
T1	JULY	10	The Cell		
	(11)	1	Materials: Metals and Non-Metals		
	AUGUST	10	Materials: Metals and Non-Metals		
	(25)	10	Force and Pressure		
		05	Reaching the Age of Adolescence		
	SEPT.	08	Reaching the Age of Adolescence		
	(16)	08	Revision of T1 Syllabus		
U2	OCT.	08	Combustion and Flame		
	(20)	08	Some Natural Phenomenon		
		04	Friction		
	NOV.	04	Friction		
	(22)	10	Food Production and Management		
		05	Chemical Effects of Electric current		
		03	Revision of U2 Syllabus		

T2	DEC.	09	Light
	(11)	02	Reproduction in Animals
	JAN.	07	Reproduction in Animals
	(15)	08	Pollution of Air and Water
	FEB.	07	Revision of T2 Syllabus
	(07)		

Note: 1. No division of syllabus into chapters marked Board and objective 2. Chapters to be put in each exam must be fixed.

2. Chapt	ters to be put in each exam must be fixed.
CHAPTER – 1	MICRO-ORGANISM FRIEND AND FOE
	MICROORGANISM – MEANING AND CLASSIFICATION
	WHERE DO MICRO-ORGANISMS LIVE?
	MICROORGANISM AND MAN
	COMMERICIAL AND MEDICINAL USES OF MICROORGANISMS
	HARMFUL MICROORGANISMS
	FOOD PRESERVATIONS AND VARIOUS METHOD
	NITROGEN FIXATION AND NITROGEN CYCLE
CHAPTER – 2	STARS AND SOLAR SYSTEM
	BASIC TERMS OF SOLAR SYSTEM
	STAR AND ITS FORMATION
	UNIT OF MEASURING DISTANCE BETWEEN STAR AND PLANET
	CONSTELLATION AND ITS VARIOUS TYPES
	MOON AND ITS PHASES
	SOLAR SYSTEM
	FORMATION OF DAY AND NIGHT AND CHANGE OF SEASON
CHAPTER – 3	COAL AND PETROLEUM
	RESOURCES AND ITS TYPES
	COAL AND PETROLEUM
	BY-PRODUCTS OF COAL
	BY-PRODUCTS OF PETROLEUM
CHAPTER – 4	CONSERVATION OF PLANTS AND ANIMALS
	DEFORESTATION AND ITS CAUSES
	CONSERVATION OF FOREST AND WILDLIFE
	ENDANGERED, ENDEMIC & EXTINCT SPECIES
	RED-DATA BOOK
	MIGRATION
CHAPTER – 5	SOUND
	SOUND AND ITS PRODUCTION
	PROPAGATION OF SOUND
	HUMAN EAR
	CHARACTERISTICS OF SOUND
	AUDIBLE AND INAUDIBLE SOUND
	NOISE POLLUTION AND MEASURES TO CONTROL IT?
CHAPTER – 6	THE CELL
	DISCRIPTION OF MICROSCOPE
	CELL AND ITS STRUCTURE
	CELL ORGANELLE AND ITS FUNCTION
	TYPES OF CELL
	DIVERSITY IN CELL
CHAPTER – 7	MATERIALS METALS AND NON-METALS
	METALS AND THEIR PHYSICAL PROPERTIES
	NON-METALS AND THEIR PHYSICAL PROPERTIES
	CHEMICAL PROPERTIES OF METALS AND NON-METALS
	USES OF METAL AND NON-METALS
CHAPTER – 8	FORCE AND PRESSURE
	MEANING OF FORCE
	EFFECTS OF FORCE
	TYPES OF FORCE
	PRESSURE & ATMOSPHERIC PRESSURE
	PRESSURE EXERTED BY FLUIDS & SOLIDS
CHAPTER – 9	REACHING THE AGE OF ADOLESCENCE
	PUBERTY AND ADOLESCENCE
	CHANGES AT POVERTY
	SECONDARY SEXUAL CHARACTER
	REPRODUCTIVE PHASE OF LIFE IN HUMAN

	HORMONES
	MENSTRUAL CYCLE
	BALANCED DIET
CHAPTER-10	COMBUSTION AND FLAME
	COMBUSTION
	TYPES OF COMBUSTION
	CALORIFIC VALUE
	IGNITION TEMPERATURE
	ZONES OF CANDLE FLAME
	FIRE-EXTINGUISHER AND ITS
	HARMFUL EFFECTS OF COMBUSTION OF FOSSIL FUEL
CHAPTER-11	SOME NATURAL PHENOMENA
	LIGHTNING, CAUSES, EFFECTS & PREVENTION
	CHARGE, MEANING, TYPE & INTRACTION
	EARTHQUAKE, CAUSES, EFFECTS & PREVENTION
	ELECTRSCOPE & RICHTER SCALE
CHAPTER-12	FRICTION
	FRICTION & ITS TYPES
	CAUSE OF FRICTION
	LAWS OF LIMITING FRICTION
	METHODS OF REDUCING & INCREASING FRICTION
	ADVANTAGES AND DISADVANTGES OF FRICTION
CHAPTER-13	FOOD PRODUCTION AND MANAGEMENT
	PRATICES OF CROP MANAGEMENT
	ANIMAL HUSBANDRY
	APICULTURE
	POULTRY FARMING
CHAPTER-14	CHEMICAL EFFECTS OF ELECTRIC CURRENT
	CHEMICAL EFFECTS OF CURRENT
	CONDUCTOR & INSULATOR
	TESTER, LED & MAGNETIC EFFECT
	ELECTROPLATING OF COPPER
CHAPTER-15	LIGHT
	LIGHT – LAWS OF REFLECTION &
	TYPES OF REFLECTION
	STRUCTURE OF HUMAN EYE
	CONSTRUCTION OF KALEIDOSCOPE
	TAKING CARE OF EYES
	VISUALLY CHALANGED PERSONS
CHAPTER-16	REPRODUCTION IN ANIMALS
	REPRODUCTION – AND ITS MODES
	MALE AND FEMALE REPRODUCTIVE SYSTEM
	FERTILISATION
	DEVELOPMENTOF EMBRYO
	METAMORPHOSIS
	VIVIPAROUS AND OVIPAROUS
	BINARY FISSION IN AMOEBA
	BUDDING IN HYDRA
CHAPTER-17	POLLUTION OF AIR AND WATER
	AIR POLLUTION – CAUSES AND EFFECTS
	WATER POLLUTION – CAUSES AND EFFECTS
	PURIFICATION OF WATER

SUBJECT: SOCIAL SCIENCE

BOOKS PRESCRIBED: A TEXT BOOK FOR CLASS 8TH PUBLICATION: JK BOSE

EXAMS	MONTH	DAYS	CONTENT
U1	APRIL (19)	7	HIS: When People Rebel 1857 And After. Sub Topic: Policies and the People. • Through the Eyes of the people • A mutiny Becomes a popular Rebellion • The company Fights Back • Aftermath

		6	 HIS: Civilizing The 'Native, Educating The Nation. How the British saw Education Education for Commerce What happened to the Local Schools? The Agenda for a National Education.
		6	 GEO: Land, Soil, Water, Natural Vegetation And Wildlife. Land, Land uses conservation of Land resources. Soil, factors of soil formation degradation of soil and conservation measures. Sub topic: Water, Problems of water Availability, Conservation of water Resources.
	MAY (14)	4	CIVICS: Why do we need a parliament? • Why should people decide? • The Role of the Parliament • Who are the people in Parliament
		2	MAP WORK: States And UT; Capitals
	JUNE	8	Revision of U1 HIS: Women, Caste and Reforms
	JUNE (5)	5	Working towards change
	JULY (11)	8	 Caste and social Reform HIS: The making of the national movement (1870 – 1947) The emergence of Nationalism The Growth of Mass Nationalism The march to Dandi Quit India and Later
	AUG (25)	8	 HIS: India After Independence A new and divided Nation A constitution is written How were states to be formed Planning for development The Nation, sixty years on
PRE - GOLDEN		6	 CIVICS: Understanding Laws Do laws apply to all? How Do New laws come about? Unpopular and controversial laws?
		5	CIVICS: Understanding Marginalisation • Who are Adivasis? • Adivasis and development • Minorities and Marginalisation • Muslims and Marginalisation
		6	 GEO: Industries Classification of Industries Factors Affecting Location of Industries Industries System, Industrial regions Distribution of Major Industries
	SEP (16)	5	 GEO: Human Resources Distribution of Population, Density of Population Factors Affecting distribution of Population, Population change Population Composition
		11	Map Work: Revision of Pre-Golden Exams
GOLDEN EXAM	OCT (20)	5	HIS: Formation of Erstwhile Jammu And Kashmir State and the Dogra Rule. • Formulation of J & K state • Dogra rule consolidated • Society, economic & culture • Public Welfare measures • Cultural Highlights

	Т	1	
		5	 CIVICS: Confronting Marginalisation Invoking Fundamental rights Laws for the marginalized Protecting the Rights of Dalits and Adivasis Adivasi Demands and the 1989 act Conclusion
		5	 CIVICS: Public Facilities Water & the people of Chennai Water as part of the fundamental right to life Public facilities The Government's Role Water supply: Is it Available to all? In search of Alternatives Conclusion
		5	 GEO: Industries Of Jammu, Kashmir And Ladakh Introduction – Handlooms, Handicrafts, Carpet making Industry, Kangri making. Paper Machie, Pashmina Shawl Industry, Silver ware and Imitation Jewellery, Silk Industry Forest based Industry Agro based Industries Mineral based Industry Tourism Industry
	NOV (22)	3	MAP WORK: On a outline map of India Iron and Steel Industries of
		9	India HIS: Weavers, Iron Smelters And Factory Owners Indian textiles and the world market The sword of Tipu sultan and wootz steel
		7	CIVICS: Law And Social Justice • Bhopal gas tragedy • What is a worker's worth? • Enforcement of safety laws • New laws to protect the environment • Conclusion
		3	MAP WORK: On a outline map of /Indian locate Cotton Industries
		6	REVISION OF GOLDEN EXAM
PRE- BOARD	DEC (11)	5	CIVICS: Social Exclusion And Inclusive Policy In J & K Overview Social Exclusion, forms of social exclusion Condition of Special Ability Efforts made by Government in Jammu and Kashmir for more inclusion How we can include socially excluded What we have learned
EXAM	JAN (15)	3	CIVICS: Barter And Money, Bank And Investment & Insurance And Tax • Barter and Money • Money • Insurance and Tax • PAN
		12	REVISION OF GOLDEN EXAM
	FEB.	7	REVISION OF FINAL EXAM (PRE-BOARD EXAM)

विषयः हिन्दी पाठ्यक्रम – किशोर भारती

व्याकरण – मानक सचित्र हिंदी व्याकरण

प्रकाशक - जम्म-कश्मीर स्टेट बोर्ड आफ स्कूल एजुकेशन

परीक्षा	महीना	विभाजित दिवस	प्रकरण
प्रथम	अप्रैल	3	पाठ-1 ध्वनि
इकाई	(19)	4	पाठ—2 लाख की चूड़ियाँ

परीक्षा		2	पाट–3 अपराजिता (केवल वस्तुनिष्ट)
1 (141)		4	व्याकरण– लिंग, संज्ञा, वचन, विलोम
		4	पर्यायवाची, वाक्यांश, निबंध—राष्ट्रीय पर्व
		7	पत्र–औपचारिक पत्र (आवेदन पत्र)
		2	पुनरावृत्ति
	मई	3	पाठ–4 दीवानों की हस्ती (केवल वस्तुनिष्ठ)
	(17)	3	पाठ-५ चिट्ठियों की अनठी दुनिया (केवल वस्तुनिष्ठ)
	(,	3	पाट–11 जब सिनेमा ने बोलना सीखा
		4	व्याकरण— सर्वनाम, विराम चिह्न, वाक्यांश
		4	पुनरावृत्ति
प्रथम	जन	3	पाठ-६ भगवान के डाकिए (केवल वस्तुनिष्ठ)
सत्र	जून (5)	2	व्याकरण– विशेषण
परीक्षा	जुलाई	2	पाठ-७७ प्लास्टिक जनित प्रदूषण (केवल वस्तुनिष्ठ)
	(11)	3	पाठ-12 जहाँ पहिया है।
	(,	2	व्याकरण– संधि (स्वर संधि)
		2	निबंध—सामाजिक संबंधी
		2	पुनरावृत्ति
	अगस्त	3	पाट–8 क्या निराश हुआ जाए(केवल वस्तुनिष्ठ प्रश्नोत्तर)
	(25)	5	पाठ-13 अकबरी लोटा
	(==)	5	पाठ-14 ओ नभ में मंडराते बादल
		7	व्याकरण— समास, संधि (व्यंजन संधि), औपचारिक पत्र
		 5	पुनरावृत्ति
	सितम्बर	2	पाठ-९ कामचोर (केवल वस्तुनिष्ठ)
	(16)	4	पाट-15 प्रेमचंद
		3	व्याकरण– क्रिया, पत्र औपचारिक (शिकायती पत्र)
		4	निबंध— वैज्ञानिक संबंधी
		3	पुनरावृत्ति
	अक्टूबर	3	पांड–10 जीवन नहीं मरा करता (केवल वस्तुनिष्ड)
	(20)	3	पाठ-16 बाज और सांप
		3	पाठ-17 टोपी
		4	व्याकरण– शुद्ध–अशुद्ध,
		4	निबंध— पर्यायवरण संबंधी
		3	पुनरावृत्ति
द्वितीय	नवंबर	5	पाठ-18 सूरदास के पद
इंकाई	(22)	5	पाठ-19 जम्मू-कश्मीर में हिन्दी
परीक्षा		6	व्याकरण– वाक्य रचना, संधि (विसर्ग संधि)
		3	मुहावरे, निबंध— शिक्षा संबंधी
		3	पुनरावृत्ति
द्वितीय	दिसंबर	6	पाठ-20 सुदामा चरित्र
संत्र	(11)	3	व्याकरण– निबंध प्रिय नेता, धार्मिक
परीक्षा		2	पुनरावृत्ति
प्री–बोर्ड	जनवरी	4	औपचारिक पत्र
परीक्षा	(15)	5	समास, संधि
		6	पुनरावृत्ति
	फरवरी	7	संपूर्ण पाठ्यक्रम की पुनरावृत्ति



SUBJECT: COMPUTER

BOOKS PRESCRIBED: TECH TODAY – 8 A NEW GENERATION COMPUTER BOOK PUBLISHER: ZOOM PUBLISHERS PVT. LTD.

EXAMS	MONTHS	DAYS	CONTENT	SUGGESTED ACTIVITIES
U1	April	5	L. No. 3 Introduction to Adobe Photoshop (Contd.)	Draw the picture of different tools (i) Rectangle Tool
	May	1	L. No. Introduction to Adobe Photoshop	(ii) Line Tool (iii) Rounded Rectangle Tool
		3	Revision of U1 Syllabus	(iv) Polygon Tool
T1	June and July	4	L. No. 6 Concept of Networking (Contd.)	Draw the pictures of (i) Bus Topology
	August	6	L. No.6 Concept of Networking	(ii) Star Topology
	September	6	Revision of U1 & T1 Syllabus	(iii) Ring Topology
U2	October	2	L. No. 7 Internet Application (Contd.)	Write the various cons & pros of using Internet
		4	L. No. 7 Internet Application	
	December	2	Revision of U2 Syllabus	
Т2	December	2	L. No. 11 Artificial Intelligence (Contd.)	Draw the Logos of (i) YouTube (ii) Google Assistant
	January	6	L. No. 11 Artificial Intelligence	
	February	6	Revision of U2 & T2	

