

SHIKSHA NIKETAN SCHOOL

SESSION: 2024-25

SYLLABUS OF 8TH CLASS

SUBJECT: ENGLISH

BOOK PRESCRIBED: A TEXTBOOK FOR CLASS 8th (TULIP SERIES)

EXAMS	MONTH	NO. OF DAYS	CONTENTS
FA1	APRIL (23)	4	How Teachers Learn (Prose)
		3	Poem – Nation’s Strength
6		Bar Graph/ Pie chart/Histogram/ Picture Composition	
3		Tenses – Present Tense and Past Tense	
1		Only Introduction for Narration	
4		Rustum and Sohrab (Short Story)	
2		Play: A Strange Trial	
	May (7)	4	Play – A Strange Trial (Cont.)
		3	Revision Of FA1
FA2	(7)	4	Letter Writing (Formal And Informal)
		3	Poem: Porus And His Elephant
	June (3)	3	Modals (Can, Could, May, Might, Should, Must etc.)
		July (9)	3
	2		The Unthankful Man(Short Story)
	2		Poem- The Bangle Seller
	2		Assertive Narration
	August (20)	1	Punctuation
		2	Diary Entry
		2	Email Writing
4		Prose- Global Warming	
2		Poem- Prayer for Strength	
3		Short Story- Achilles	
2		Future Tense	
4	Revision of FA2		
FA3	SEPTEMBER (16)	2	Dialogue Writing
		3	Articles
		4	Prose- Polo the King of Games
		5	Narration –[Interrogative + Exclamatory Narration]
		2	The Brook- - Poem
	October (10)	3	Poem- Colours of Rainbow
3		Revision of FA3	
		4	Prose – For God’s Sake Hold Thy Tongue.

SUBJECT: SOCIAL SCIENCE

BOOK PRESCRIBED: A TEXTBOOK FOR CLASS 8th

PUBLICATIONS: JK BOSE

EXAMS	MONTH	DAYS	TOPICS/ SUB TOPICS
FA1	APRIL (23)	03	His: How, When and Where <ul style="list-style-type: none">• How important are dates?• How do we know?
		05	His: When People Rebel 1857 and After <ul style="list-style-type: none">• Policies and the People.• Through the Eyes of the people.• A mutiny becomes a popular Rebellion• The Company Fights Back.• Aftermath.
		05	GEO: Agriculture <ul style="list-style-type: none">• Farm System• Types of Farming• Agricultural development
		02	MAPWORK: World distribution of Arable Land <ul style="list-style-type: none">• Major Rice and Wheat Producing areas of India.
		04	GEO: Resources <ul style="list-style-type: none">• Types of Resources• Conserving Resources.
		04	POL. SCI.: The Indian Constitution <ul style="list-style-type: none">• Why does a country need a constitution?• The Indian Constitution: Key features
	May (07)	07	REVISION Of FA – 1 Syllabus
FA2	May (07)	07	His: Ruling the countryside <ul style="list-style-type: none">• The company becomes the Diwan• Crops for Europe• The “Blue Rebellion” and after.
	June (3)	3	His: Women, Caste and Reform <ul style="list-style-type: none">• Working towards change• Caste and Social Reform
	July (9)	3	
	August (20)	6 2	GEO: Land , Soil, Water, Natural Vegetation and Wildlife Resource <ul style="list-style-type: none">• Land• Land use• Conservation of Land Resource• Soil• Factors of Soil Formation• Degradation of Soil and Conservation measures.

			<ul style="list-style-type: none"> • Water, Problems of Water Availability • Conservation of Water Resource • Natural Vegetation and Wildlife • Distribution of Natural Vegetation • Conservation of Natural Vegetation and Wildlife.
		5	<p><u>GEO:</u> Industries</p> <ul style="list-style-type: none"> • Classification of industries • Factors affecting location of industries • Industrial system • Industrial Regions • Distribution of Major Industries • Cotton Textile Industry
		3.	<p><u>MAPWORK:</u> World Industrial Regions</p> <ul style="list-style-type: none"> • World major iron ore producing areas • World major cotton textile manufacturing regions. • Iron and steel Industries in India • Cotton textile Industries in India
		5	<p><u>POL. SCI.:</u> Why do we need a Parliament?</p> <ul style="list-style-type: none"> • Why should people decide? • People and their Representatives • The role of the Parliament • Who are the people in Parliament?
		5	Revision of FA – 2 Syllabus
FA3	September (16)	4	<p><u>His:</u> Civilizing the “Native” Educating the Nation</p> <ul style="list-style-type: none"> • How the British saw Education • What happened to the local schools? • The Agenda for a National Education
		4	<p><u>His:</u> The Making Of The National Movement 1870s-1947.</p> <ul style="list-style-type: none"> • The Emergence Of Nationalism • The Growth Of Mass Nationalism • The March to Dandi • Quit India and Later
		4	<p><u>Geo:</u> Human Resources</p> <ul style="list-style-type: none"> • Distribution Of Population • Density Of Population • Factors Affecting Distribution Of Population • Population Change • Patterns Of Population Change • Population Composition

		4	<p><u>POL. SCI.:</u> Understanding Our Criminal Justice System</p> <ul style="list-style-type: none"> • What is the Role of the Police in investigating a Crime? • What is the Role of the Public Prosecutor? • What is the Role of the Judge? • What is a Fair Trial?
	October (10)	5	Revision of FA3 Syllabus

SUBJECT: MATHEMATICS

BOOK PRESCRIBED: A TEXTBOOK OF MATHS FOR CLASS 8th

PUBLICATIONS: JK BOSE

EXAMS	MONTH	DAYS	TOPIC	SUB TOPIC
FA1	APRIL (23)	9	Rational Numbers	<p>i) Introduction</p> <p>ii) Properties of rational numbers.</p> <p>iii) Representation of rational Number on number line.</p> <p>iv) Rational numbers between two Rational numbers.</p>
		14	Algebraic Expression and Identities	<p>i) Introduction</p> <p>ii) Terms, Factors and Co-efficient.</p> <p>iii) Addition, Subtraction and Multiplication of Algebraic Expression.</p> <p>iv) Identities and their applications</p>
	May (7)	7	–	Revision of FA1 Syllabus
FA2	May (7)	7	Understanding Quadrilaterals	<p>i) Introduction</p> <p>ii) Sum of measure of the exterior angles of a Polygon.</p>
	June (3)	3	Understanding Quadrilaterals	<p>iii) Different kinds of Quadrilaterals</p> <p>iv) Some special Parallelograms.</p>
	July (9)	9	Practical Geometry	<p>i) Introduction</p> <p>ii) Constructing a Quadrilateral.</p> <p>a) When the length of four sides and a diagonal are given.</p> <p>b) When two diagonals and three sides are given.</p> <p>c) When two adjacent sides and three angles are known.</p> <p>d) When three sides and two included angles are given.</p>

	August (20)	10	Square and Square roots.	i) Introduction ii) Properties of square numbers. iii) Some interesting pattern iv) Finding the square of a number. v) Finding square root by factorization method vi) Finding square roots by division method.
		5	Cubes and cube roots.	i) Introduction ii) Finding cube roots by factorization method iii) Cube root of a cube number
		5	–	Revision of FA2 Syllabus
FA3	September (16)	16	Mensuration	i) Introduction ii) Area of trapezium iii) Area of Quadrilaterals a)Area of rhombus b)Area of polygon iv) Area of cube, cuboid and cylinder v) volume of cube, cuboid and
	October (5)	5	–	Revision of FA3 Syllabus

SUBJECT: COMPUTER

EXAMS	MONTH	NO. OF DAYS	TOPICS/ SUB -TOPICS
FA1	APRIL (8)	4	Ch- 3 – Introduction to Adobe Photoshop Sub topic – Adobe Photoshop – Features of Adobe Photoshop – Starting Adobe Photoshop 2022 – Components of Adobe Photoshop 2022 Window – Create a New File – Foreground and Background colour – Selection Tools
		4	Ch- 6 – Concept of Networking Sub topic – Importance of a Network – Components of a Network – Types of Network – Network Topologies – Network Architecture
	May (2)	2	Revision of FA1 Syllabus
FA2	May (2)	2	Ch-7- Internet Applications Sub topic – Multimedia
	June (1)	1	– Real time Communication – Rich Site Summary

	July (2)	1 1	– Skype – Blog
	August (6)	3	Ch- 8 – Cloud Computing Sub topic – What is Cloud Computing? – Working of Cloud Computing – Example of Cloud Computing – One Drive
		3	Revision of FA2 Syllabus
FA3	September (4)	4	Ch- 9 – Control Statements In Python Sub Topic – Control Statements – Selection Statements – Looping Statements – Jumping Statements
	October (3)	3	Revision Of FA3 Syllabus

शिक्षा निकेतन जम्मू			
कक्षा: आठवीं			
विषय- हिंदी			
पाठ्य पुस्तक- पुष्प भाग ३			
व्याकरण- मानक सचित्र हिंदी व्याकरण			
प्रकाशन- जम्मू कश्मीर स्टेट बोर्ड ऑफ स्कूल ऐजुकेशन			
परीक्षा	महीना तथा कुल दिवस	विभाजित दिवस	प्रकरण
प्रथम आकलन	अप्रैल (23)	3	पाठ-1 ध्वनि
		3	पाठ-2 लाख कीचड़ियां
		4	पाठ -3 अपराजिता
		5	व्याकरण- लिंग, वचन, विलोम

पर्यायवाची शब्द			
	1		संज्ञा
	4		निबंध-राष्ट्रीय पर्व
	2		पत्र- औपचारिक पत्र (आवेदन पत्र)
	1		पुनरावृत्ति
मई (7)	7		पुनरावृत्ति
द्वितीय आकलन	मई (7)	4	पाठ - दीवानों की हस्ती
		3	वाक्यांश, विराम चिन्ह
	जून (3)	3	पाठ-चिट्ठियों की अनूठी दुनिया
	जुलाई (9)	4	पाठ- भगवान के डाकिए
		3	संज्ञा से भाववाचक
		2	शुद्ध, अशुद्ध
	अगस्त (20)	5	पाठ- प्लास्टिक जनित प्रदूषण
		5	पाठ- क्या निराश हुआ जाए
		2	सर्वनाम
		4	निबंध- विज्ञान संबंधी
		2	पत्र- शिकायती पत्र
		2	पुनरावृत्ति
तृतीय आकलन	सितंबर (16)	6	पाठ- कामचोर
		6	पाठ- जीवन नहीं मरा करता है

	4	स्वर संधि
अक्टूबर (5)	5	तृतीय आकलन की पुनरावृत्ति

SUBJECT: SCIENCE

BOOK PRESCRIBED: A TEXTBOOK FOR CLASS 8TH PUBLISHED BY JKBOSE

EXAM	MONTH	DAYS	CHAPTER
FA1	APRIL (23)	10	MICROORGANISMS FRIEND AND FOE. <ul style="list-style-type: none"> ➤ MICROORGANISMS AND ITS CLASSIFICATIONS. ➤ WHERE DO MICROORGANISMS LIVE ➤ USEFUL MICROORGANISMS AND THEIR USES ➤ HARMFUL MICROORGANISMS AND DISEASE CAUSED BY THEM ➤ FOOD PRESERVATION ➤ NITROGEN FIXATION AND NITROGEN CYCLE
		5	COAL AND PETROLEUM. <ul style="list-style-type: none"> ➤ RESOURCES AND ITS CLASSIFICATIONS ➤ FOSSIL FUELS AND THEIR USEFUL PRODUCTS
		8	REPRODUCTION IN ANIMALS. <ul style="list-style-type: none"> ➤ REPRODUCTION AND VARIOUS MODE OF REPRODUCTION ➤ SEXUAL REPRODUCTION IN ANIMALS ➤ ASEQUAL REPRODUCTION IN ANIMALS
	MAY (7)	2	REPRODUCTION IN ANIMALS. <ul style="list-style-type: none"> ➤ BUDDING AND BINARY FISSION
			5
	MAY (7)	7	FOOD PRODUCTION AND MANAGEMENT. <ul style="list-style-type: none"> ➤ AGRICULTURAL PRACTICES

FA2	JUNE (3)	3	FOOD PRODUCTION AND MANAGEMENT. <ul style="list-style-type: none"> ➤ AGRICULTURAL PRACTICES.
	JULY (9)	5	SOUND <ul style="list-style-type: none"> ➤ PRODUCTION OF SOUND ➤ PRODUCTION OF SOUND BY HUMANS ➤ PROPAGATION OF SOUND ➤ HEARING OF SOUND THROUGH OUR EAR ➤ CHARACTERISTICS OF SOUND ➤ TYPES OF SOUND ➤ NOISE AND MUSIC ➤ NOISE POLLUTION.
		4	CONSERVATION OF PLANTS AND ANIMALS. <ul style="list-style-type: none"> ➤ DEFORESTATION AND ITS CAUSES ➤ CONSEQUENCES OF DEFORESTATION ➤ CONSERVATION OF FOREST AND WILDLIFE ➤ BIOSPHERE RESERVE ➤ FLORA AND FAUNA ➤ ENDEMIC SPECIES ➤ WILDLIFE SANCTUARY AND NATIONAL PARK ➤ RED DATA BOOK ➤ MIGRATION
	AUGUST (20)	1	CONSERVATION OF PLANTS AND ANIMALS. <ul style="list-style-type: none"> ➤ RECYCLING OF PAPER ➤ REFORESTATION.
		8	CHEMICAL EFFECTS OF ELECTRIC CURRENT. <ul style="list-style-type: none"> ➤ DO LIQUIDS CONDUCT ELECTRICITY? ➤ CHEMICAL EFFECTS OF ELECTRIC CURRENT ➤ ELECTROPLATING AND ITS APPLICATIONS
		8	REACHING AGE OF ADOLESCENCE. <ul style="list-style-type: none"> ➤ ADOLESCENCE AND PUBERTY ➤ CHANGES AT PUBERTY ➤ SECONDARY SEXUAL CHARACTERS ➤ ROLE OF HORMONES ➤ REPRODUCTIVE PHASE OF LIFE IN HUMANS ➤ SEX DETERMINATION ➤ HORMONES OTHER THAN SEX HORMONES ➤ REPRODUCTIVE HEALTH.

		3	REVISION OF FA2 SYLLABUS.
FA3	SEPTEMBER (16)	5	FORCE AND PRESSURE <ul style="list-style-type: none"> ➤ FORCE AND ITS TYPES ➤ CAUSES AND EFFECTS OF FORCE ➤ PESSURE AND PRESSURE EXERTED BY LIQUIDS AND GASES.
		5	FRICTION. <ul style="list-style-type: none"> ➤ FACTOR EFFECTING FRICTION ➤ FRICTION: A NECESSARY EVIL ➤ INCREASING AND REDUCING FRICTION ➤ TYPES OF FRICTION.
		6	LIGHT <ul style="list-style-type: none"> ➤ WHAT MAKES THINGS VISIBLE ➤ LAWS OF REFLECTION OF LIGHT ➤ TYPES OF REFLECTION OF LIGHT ➤ MULTIPLE REFLECTION AND ITS APPLICATIONS ➤ SUNLIGHT ➤ COMPONENTS OF OUR EYE
	OCTOBER (5)	2	LIGHT. <ul style="list-style-type: none"> ➤ CARE OF EYE ➤ BRAILE SYSTEM.
		3	REVISION OF FA3 SYLLABUS.

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