

**SYLLABUS SEMESTER - 1 CLASS: 9 [2024-25]**

SUBJECTS	Lesson	LESSON NAME	PAGES (FROM- TO)	
Maths	1	RATIONAL AND IRRATIONAL NUMBERS [UNIT]	1 TO 39	
	3	EXPANSION [UNIT]	68 TO 87	
	10	TRIANGLES [UNIT]	180 TO 226	
Block	4	FACTORISATION	88 TO 105	
	5	SIMULTANEOUS LINEAR EQUATIONS	106 TO 123	
	6	PROBLEMS ON SIMULTANEOUS LINEAR EQUATIONS	124 TO 142	
	11	MIDPOINT THEOREM	227 TO 241	
	12	PYTHAGORAS THEOREM	242 TO 258	
	13	RECTILINEAR FIGURE	259 TO 294	
	17	TRIGONOMETRIC RATIOS	402 TO 419	
	18	TRIGONOMETRIC RATIOS OF STANDARD ANGLES	420 TO 440	
English-1		Letter Writing (Formal and Informal), Functional Grammar [UNIT]		
Block		Composition, Letter Writing (Formal and Informal)		
		Notice and Email, Comrehension, Functional Grammar:		
		Correct form of verbs, prepositions, join the sentences,		
		Do as Directed		
English-2	poem	I Remember, I Remember [UNIT]		
	prose	The Boy Who Broke the Bank [UNIT]		
	drama	Julius Caesar Act 1 (Scene 1) [UNIT]		
	poem	The Night Mail		
	poem	Skimbleshanks: The Railway Cat		
	prose	Bonku Babu's Friend		
	prose	Oliver Asks for More		
	drama	Julius Caesar Act 1, Act 2 (Scene 1)		
Computer	1	Introduction to Object Oriented Programming concepts (Unit)	pg-9-21	
	6	Input in Java (Unit)	96-126	
	2	Introduction to Java	22-37	
	Block	3	Elementary concept of Objects and Classes	38-54
		4	Values and Data Types	55-74
	5	Operators in Java	75-95	
Economics Application		BASIC CONCEPTS OF ECONOMICS		
		Meaning and Definition: Economics, Economic Entities [UNIT]		
		Three Major Problems of an Economy [UNIT]		
		Nature and Classification of an Economy [UNIT]		
Block		<b>INFRASTRUCTURE OF THE INDIAN ECONOMY</b>		
		Economic and Social Infrastructure of Indian economy.		
		<b>CONSUMER AWARENESS</b>		
		Ways in which consumer is exploited- Reasons		
		Growth of Consumer Awareness		
		Consumer Behaviour and Rights		
		Legal Measures to Protect Consumers (COPRA, RTI)		
		Understanding the importance of educating consumers of their rights		
		- awareness of food adulteration and its harmful effects.		
Chemistry	1	The Language of Chemistry (unit)	1 to 21	
	2	Chemical Changes and reactions (unit)	22 to 34	
Block	3	Water	35 to 56	
	4	Atomic Structure and Chemical bonding	57 to 82	
	9	Practical Chemistry	146 to 163	
History				
Block [History]	1	The Harappan Civilisation. (Unit Test)		
	2	The Vedic Age.		
	3	Jainism and Buddhism.		
	4	The Mauryan Empire.		
	5	The Sangam Age.		

	6	The Age of the Guptas.	
	7	The Cholas.	
	8	The Delhi Sultanate.	
Civics	1	Our Constitution (UNIT)	
Block	2	Salient Features of the Constitution-I	
	3	Salient Features of the Constitution-II	
Geography	4	Structure of the Earth (Unit test )	
	5	Landforms of the Earth (Unit Test)	
Block	1	Earth as a Planet	
	2	Geographic Grid - Latitudes and longitudes	
	3	Rotation and Revolution	
	6	Rocks	
	7	Volcanoes	
	8	Earthquakes	
	9	Weathering and Denudation	
		Map Work World - Water Bodies , Rivers, Mountains)	
Biology	2	CELL- The Unit of Life (Unit)	7 to22
Block	3	TISSUES-Plant and Animal Tissues (Unit)	23 to 32
	4	The Flower	33 to 38
	5	Pollination and Fertilisation	39 to 48
	6	Seeds: Strucure and Germination	49 to57
	7	Respiration in Plants	58 to 67
	10	Nutrition	101 to 108
	11	Digestive System	109 to122
Physics	1	Measurement and Experimentation (U 1)	1 to 25
	2	Motion in one dimensions	26 to 53
	3	Laws of Motion	54 to 77
Block	4	Pressure in fluids and Atmospheric Pressure	78 to 97
	5	Upthrust in fluids , Archimedes principle and flotation	98 to 118
	6	Heat and Energy	119-140
Moral Science	1	The Influence of Friends (unit)	9 to 16
	2	Studying Effectively (unit)	17 to 23
Block	4	Everyone is unique	30 to 37
	5	Equal status to women	38 to 44
	6	Silent Messages	45 to 53

**ST. XAVIER'S SCHOOL, BURDWAN**

**Syllabus for 1<sup>st</sup> Semester Examination 2024 - 2025**

**Class: 9**

**Subject: Hindi**

**Name: साहित्य सागर / संक्षिप्त कहानियाँ पद्य भाग / सरस हिंदी व्याकरण**

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**Semester - 1**

S.No.	Lesson No.	Topic संक्षिप्त कहानियाँ	Topic पद्य भाग	Topic हिंदी व्याकरण
1.	1.	बात अठन्नी की	साखी	“ बोर्ड द्वारा -प्रस्तावित
2.	2.	काकी	गिरधर की कुंडलियाँ	संपूर्ण अंश “
3.	3.	हायज़ का पुरस्कार	स्वर्ग बना सकते हैं	
4.	4.	नेताजी का चश्मा	वह जन्मभूमि मेरी	

**Unit Topics**

S.No.	Lesson No.	Topic संक्षिप्त कहानियाँ	Topic पद्य भाग	Topic हिंदी व्याकरण
1.	1.	बात अठन्नी की	साखी	“ बोर्ड द्वारा –प्रस्तावित - संपूर्ण अंश “

Class- 9

ছোট গল্প -

Lesson no.	Lesson Names	Pages
১.	গিন্নি (unit)	(৫-৯)
২.	লালু	(১০-১৫)
৩.	বামা	(১৬-২৩)

কবিতা -

১.	বঙ্গভূমির প্রতি (unit)	(৭৯-৮০)
২.	সভ্যতার প্রতি	(৮১-৮২)
৩.	কুলি - মজুর	(৮৩-৮৪)

ব্যাকরণ - বাগ্ধারা, একই শব্দের ভিন্নার্থে প্রয়োগ, বাক্য পরিবর্তন, এক কথায় প্রকাশ(unit), বাচ্য পরিবর্তন, সমোচ্চারিত ভিন্নার্থক শব্দ(unit), সাধু- চলিত, অশুদ্ধি সংশোধন (unit), বোধ পরীক্ষণ, প্রবন্ধ রচনা, চিঠি লেখা

