



# SUBODH PUBLIC SCHOOL, NEAR AIRPORT, SANGANER, JAIPUR

SESSION: 2024 - 25

## SYLLABUS

CLASS : SCHOLARS 1 (XI)

STREAM : SCIENCE

S. NO.	EXAMINATION	%	CHAPTER NO.	CHAPTER NAME	NO. OF PERIODS	%
<b>ENGLISH ( H- HORNBILL, S- SNAPSHOT)</b>						
1	FIRST UNIT TEST MM: 25	30%	WRITING	SPEECH WRITING	3	4
2			GRAMMAR	TENSES	5	5
3			H-1	THE PORTRAIT OF A LADY	5	4
4			POEM	A PHOTOGRAPH	3	4
5			S-1	THE SUMMER OF THE BEAUTIFUL WHITE HORSE	4	5
6			S-2	THE ADDRESS	4	5
7			GRAMMAR	RE-ORDERING OF SENTENCES	3	3
8	HALF YEARLY MM: 80 INCLUDING FIRST UNIT TEST	30%+30% %=60%	H-2	WE ARE NOT AFRAID TO DIE IF WE ALL CAN BE TOGETHER	4	4
9			H-4	THE ADVENTURE	4	4
10			H-3	DISCOVERING TUT: THE SAGA CONTINUES	3	4
11			POEM	THE LABURNUM TOP	2	2
12			POEM	THE VOICE OF THE RAIN	2	2
13			S-3	MOTHER'S DAY	5	4
14			GRAMMAR	Sentence Transformation (Changing of assertive to interrogative, exclamatory, impera	5	5
15	WRITING	ADVERTISEMENT- CLASSIFIED	2	2		
16		DEBATE WRITING	2	3		
17	SECOND UNIT TEST MM: 25	20%	H-5	SILK ROAD	3	4
18			POEM	CHILDHOOD - POEM	2	3
19			S-4	BIRTH	4	4
20			GRAMMAR	SENTENCE TRANSFORMATION - Direct & Indirect Speech	5	4
21			WRITING	POSTERS	2	2



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22	FINAL EXAMINATION MM: 80 (FULL COURSE)	20%		DEBATE WRITING	2	3
23			READING	NOTE MAKING	4	4
24			POEM	FATHER TO SON	2	4
25			S-5	THE TALE OF THE MELON CITY	3	3
26			GRAMMAR	Gap Filling ( Tenses), Sentence Reordering / Sentence Transformation	2	2
27				CLAUSES	3	2
28			WRITING	ADVERTISEMENTS-CLASSIFIED	2	1
29				POSTERS	2	1
30				Debate Writing	2	2
31				Speech Writing	2	2
<b>PHYSICS( 042)</b>						
1	FIRST UNIT TEST MM: 25	30%	CHAPTER-2	UNITS AND MEASUREMENTS	8	8%
2			CHAPTER-3	MOTION IN A STRAIGHT LINE	10	10%
3			CHAPTER-4	MOTION IN A PLANE	14	12%
4	HALF YEARLY MM: 70 INCLUDING FIRST UNIT TEST	30%+30% = 60%	CHAPTER-5	LAWS OF MOTION	14	12%
5			CHAPTER-6	WORK, ENERGY AND POWER	14	8%
6			CHAPTER-8	GRAVITATION	12	10%
7	SECOND UNIT TEST MM: 25	21%	CHAPTER-7	SYSTEM OF PARTICLES AND ROTATIONAL MOTION	18	5%
8			CHAPTER-9	MECHANICAL PROPERTIES OF SOLIDS	5	4%
9			CHAPTER-10	MECHANICAL PROPERTIES OF FLUIDS	14	9%
10			CHAPTER-11	THERMAL PROPERTIES OF MATTER	5	3%



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11	FINAL EXAMINATION MM: 70 (FULL COURSE)	19%	CHAPTER-12	THERMODYNAMICS	12	5%
12			CHAPTER-13	KINETIC THEORY	8	3%
13			CHAPTER-14	OSCILLATIONS	13	5%
14			CHAPTER-15	WAVES	13	6%
					160	100%
<b>CHEMISTRY(043)</b>						
1	FIRST UNIT TEST MM: 25	23%	CHAPTER-1	SOME BASIC CONCEPTS OF CHEMISTRY	12	10
2			CHAPTER-2	STRUCTURE OF ATOMIC	14	13
3	HALF YEARLY MM: 70 INCLUDING FIRST UNIT TEST	23+25 =48%	CHAPTER-3	CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES	8	9
4			CHAPTER-4	CHEMICAL BONDING & MOLECULAR STRUCTURE	14	10
5			CHAPTER-7	REDOX REACTION	6	6
6	SECOND UNIT TEST MM: 25	10%	CHAPTER-6	EQUILIBRIUM	14	10
7	FINAL EXAMINATION MM: 70 (FULL COURSE)	100%	CHAPTER-8	ORGANIC CHEMISTRY -SOME BASIC PRINCIPLES AND TECHNIQUES	14	16
8			CHAPTER-9	HYDROCARBON	12	14
9			CHAPTER-5	CHEMICAL THERMODYNAMICS	16	12
		<b>100%</b>			<b>110</b>	<b>100%</b>



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S. NO.	EXAMINATION	%	CHAPTER NO.	CHAPTER NAME	NO. OF PERIODS	%
<b>MATHEMATICS</b>						
1	FIRST UNIT TEST MM: 25	29%	1	SETS	20	8
2			2	RELATIONS AND FUNCTIONS	20	9
3			3	TRIGONOMETRIC FUNCTIONS	20	12
4	HALF YEARLY MM: 80 INCLUDING FIRST UNIT TEST	25%	4	COMPLEX NUMBERS	10	5
5			5	LINEAR INEQUALITIES	10	5
6			6	PERMUTATIONS AND COMBINATIONS	10	5
7			7	BINOMIAL THEOREM	10	5
8			11	INTRODUCTION TO THREE DIMENSIONAL GEOMETRY	10	5
9	SECOND UNIT TEST MM: 25	30%	8	SEQUENCE AND SERIES	10	12
10			9	STRAIGHT LINE	15	8
11			13	STATISTICS	20	10
12	FINAL EXAMINATION MM: 80 (FULL COURSE)	100%	10	CONIC SECTIONS	25	6
13			12	LIMITS AND DERIVATIVES	40	6
14			14	PROBABILITY	20	4
<b>BIOLOGY</b>						
1	FIRST UNIT TEST MM: 25	30%	CHAPTER-1	THE LIVING WORLD	5	5%
2			CHAPTER-8	CELL- THE UNIT OF LIFE	9	6%
3			CHAPTER-9	BIOMOLECULES	10	6%
4			CHAPTER-10	CELL CYCLE AND CELL DIVISION	5	6%
5			CHAPTER-15	BODY FLUIDS AND CIRCULATION	7	3%
6	HALF YEARLY MM: 70 INCLUDING FIRST UNIT TEST	30+30= 60%	CHAPTER-16	EXCRETORY PRODUCTS AND THEIR ELIMINATION	8	4%
7			CHAPTER-17	LOCOMOTION AND MOVEMENT	7	6%
8			CHAPTER-18	NEURAL CONTROL AND COORDINATION	7	6%
9			CHAPTER-19	CHEMICAL COORDINATION AND INTEGRATION	7	6%
10			CHAPTER-13	PLANT - GROWTH AND DEVELOPMENT	6	6%



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11	SECOND UNIT TEST MM: 25	20%	CHAPTER-7	STRUCTURAL ORGANISATION IN ANIMALS	6	6%
12			CHAPTER-11	PHOTOSYNTHESIS IN HIGHER PLANTS	5	6%
13			CHAPTER-12	RESPIRATION IN PLANTS	12	7%
14			CHAPTER-14	BREATHING AND EXCHANGE OF GASES	12	7%
15	FINAL EXAMINATION (FULL COURSE)	100%	CHAPTER-2	BIOLOGICAL CLASSIFICATION	10	4%
16			CHAPTER-3	PLANT KINGDOM	10	4%
17			CHAPTER-4	ANIMAL KINGDOM	10	4%
18			CHAPTER-5	MORPHOLOGY OF FLOWERING PLANTS	10	4%
19			CHAPTER-6	ANATOMY OF FLOWERING PLANTS	6	4%
<b>PHYSICAL EDUCATION</b>						
1	FIRST UNIT TEST MM: 25	30%	UNIT-1	CHANGING TRENDS AND CAREER IN PHYSICAL EDUCATION	7	10
2			UNIT-2	OLYMPIC VALUE EDUCATION	5	10
3			UNIT-3	YOGA	10	10
4	HALF YEARLY MM:70 INCLUDING UNIT TEST	30+30 =60%	UNIT-4	PHYSICAL EDUCATION AND SPORTS FOR CWSN (Children With Special Needs-Divyang)	10	10
5			UNIT-5	PHYSICAL FITNESS, HEALTH AND WELLNESS	10	10
6			UNIT-6	TEST, MEASUREMENT AND EVALUATION	12	10
7	2ND UNIT TEST MM:25	30%	UNIT-7	FUNDAMENTALS OF ANATOMY, PHYSIOLOGY IN SPORTS	15	10
8			UNIT-8	FUNDAMENTALS OF KINESIOLOGY AND BIOMECHANICS IN SPORTS	15	10
9			UNIT-9	PSYCHOLOGY & SPORTS	10	10
10	FINAL EXAMINATION MM: 70 FULL COURSE	100%	UNIT-10	TRAINING AND DOAPING IN SPORTS	8	10



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S. NO.	EXAMINATION	%	CHAPTER NO.	CHAPTER NAME	NO. OF PERIODS	%	
<b>INFORMATICS PRACTICES</b>							
1	FIRST UNIT TEST MM: 25	30%	UNIT-3	DATABASE CONCEPTS	10	5%	
				STRUCTURED QUERY LANGUAGE	34	25%	
2	HALF YEARLY MM: 70 INCLUDING FIRST UNIT TEST	30%+30% 60%.	UNIT-2	BASICS OF PYTHON PROGRAMMING	20	10%	
3				PYTHON CONTROL STATEMENTS	20	20%	
4	SECOND UNIT TEST MM: 25	20%	UNIT-2	LIST AND DICTIONARY OF PYTHON	30	20%	
5	FINAL EXAMINATION (FULL COURSE)	100%	UNIT-4	INTRODUCTION TO EMERGING TRENDS	20	20%	
<b>ENTREPRENEURSHIP</b>							
1	FIRST UNIT TEST MM: 25	30%	1	ENTREPRENEURSHIP: CONCEPT AND FUNCTION	18		
2					ACTIVITY: PROMETHEAN SESSION(WEBINAR)ENTREPRENEURIAL JOURNEY		15%
3			2	AN ENTREPRENEUR	18		
4					ACTIVITY: EXHIBITION(PRODUCT EXHIBITION)		15%
5	HALF YEARLY MM:70 INCLUDING UNIT TEST	60%	3	ENTREPRENEURIAL JOURNEY	25		
6					Activity: Idea generation		15%
7					Role play		
8			4	ENTREPRENEURSHIP AS INNOVATION AND PROBLEM SOLVING	28		
9					Activity:		15%
10					1.Industrial visit		
11					2. Starting of small business "earn while learning		



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12	2ND UNIT TEST MM:25	20%	5	CONCEPT OF MARKET	24	
13			Activity:		15%	
14			1. Students will apply all components of marketing mix for their product development			
15			6	BUSINESS FINANCE AND ARITHMETIC- I (Up to concept of cost)	12	
16	FINAL EXAMINATION MM: 70 FULL COURSE	100%	6	BUSINESS FINANCE AND ARITHMETIC- II (FULL UNIT)	15	5%
17			7	RESOURCE MOBILIZATION	25	8%
18			Activity: Industrial visit		12%	
19			PROJECT WORK	10		
<b>PSYCHOLOGY</b>						
1	FIRST UNIT TEST MM: 25	25%	CHAPTER-1	WHAT IS PSYCHOLOGY	27	15
2			CHAPTER-7	HUMAN MEMORY	19	10
3	HALF YEARLY EXAM MM: 70	60%	CHAPTER-2	METHODS OF ENQUIRY IN PSYCHOLOGY	32	15
4			CHAPTER-4	HUMAN DEVELOPMENT	26	15
5	2ND UNIT TEST MM: 25	40%	CHAPTER-5	SENSORY, ATTENTIONAL AND PRECEPTUAL PROCESS	18	5
6			CHAPTER-6	LEARNING	20	20
7	FINAL EXAMS MM: 70 FULL COURSE	100%	CHAPTER-8	THINKING	14	10
8			CHAPTER-9	MOTIVATION AND EMOTION	14	10
<b>ECONOMICS</b>						
1	FIRST UNIT TEST MM: 25	30%		<b>SECTION / PART - A (STATISTICS FOR ECONOMICS)</b>		
2			1	CONCEPT OF ECONOMICS AND SIGNIFICANCE OF STATISTICS IN ECONOMICS	5	3%
3			2	COLLECTION OF DATA	8	5%
4			3	CENSUS AND SAMPLE METHODS OF COLLECTION OF DATA	10	7%
5				<b>SECTION / PART -B (INTRODUCTORY MICROECONOMICS)</b>		
6			1	ECONOMICS AND ECONOMY	7	5%
7			2	CENTRAL PROBLEMS OF AN ECONOMY	5	3%
8			3	CONSUMER'S EQUILIBRIUM-UTILITY ANALYSIS	10	7%



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9	HALF YEARLY MM: 80 INCLUDING FIRST UNIT TEST	60%		<b>SECTION / PART - A (STATISTICS FOR ECONOMICS)</b>			
10			4	ORGANISATION OF DATA	8	4%	
11			5	PRESENTATION OF DATA -	8	5%	
12				* TEXTUAL AND TABULAR PRESENTATION			
13				* DIAGRAMMATIC PRESENTATION OF DATA -			
14				BAR DIAGRAMS AND PIE DIAGRAMS			
15				* FREQUENCY DIAGRAMS-			
16				HISTOGRAM, POLYGON AND OGIVE			
17				* ARITHMETIC LINE GRAPHS OR TIME SERIES GRAPHS			
18				6	MEASURES OF CENTRAL TENDENCY-ARITHMETIC MEAN	12	10%
19					<b>SECTION / PART -B (INTRODUCTORY MICRO ECONOMICS)</b>		
20				4	CONSUMER'S EQUILIBRIUM - I C ANALYSIS	8	3.50%
21				5	THEORY OF DEMAND	10	4%
22				6	PRICE ELASTICITY OF DEMAND	8	3.50%
23			<b>PROJECT WORK - 1</b>				
24	2ND UNIT TEST MM:25	20%		<b>SECTION / PART - A (STATISTICS FOR ECONOMICS)</b>			
25			7	MEASURES OF CENTRAL TENDENCY - MEDIAN &MODE	8	4%	
26				<b>SECTION / PART -B (INTRODUCTORY MICRO ECONOMICS)</b>			
27			7	PRODUCTION FUNCTION AND RETURNS TO A FACTOR	5	3%	
28			8	CONCEPTS OF COST	5	2%	
29			9	CONCEPTS OF REVENUE	5	2%	
30			10	PRODUCER'S EQUILIBRIUM	5	2%	
31	11	THEORY OF SUPPLY	10	7%			
32	FINAL EXAM MM: 80 FULL COURSE	100%		<b>SECTION / PART - A (STATISTICS FOR ECONOMICS)</b>			
33			8	CORRELATION	6	4%	
34			9	INDEX NUMBERS	6	4%	
35				<b>SECTION / PART -B (INTRODUCTORY MICRO ECONOMICS)</b>			
36			12	FORMS OF MARKET	4	2%	
37			13	MARKET EQUILIBRIUM UNDER PERFECT COMPETITION AND EFFECTS OF SHIFTS IN DEMAND AND SUPPLY	13	10%	
38			<b>PROJECT WORK - 2</b>				