



SUBODH PUBLIC SCHOOL, NEAR AIRPORT, SANGANER, JAIPUR

SESSION: 2024 - 25

SYLLABUS

CLASS : SCHOLARS 2 (XII)

STREAM : SCIENCE

S.NO.	EXAMINATION	%	CHAPTER NO.	CHAPTER NAME	NO. OF PERIODS	%
ENGLISH (F- FLAMINGO, V- VISTAS)						
1	FIRST UNIT TEST MM: 25	30%	WRITING	LETTER TO EDITOR	4	4
2				NOTICE WRITING	2	4
3			F-1	THE LAST LESSON	5	5
4			F-2	LOST SPRING	5	4
5			POEM	MY MOTHER AT SIXTY SIX	3	4
6			V-1	THIRD LEVEL	5	4
7			V-2	TIGER KING	4	5
8	HALF YEARLY MM: 80 INCLUDING FIRST UNIT TEST	70%	F-3	DEEP WATER	5	4
9			F-4	THE RATTRAP	5	4
10			F-5	INDIGO	5	4
11			POEM	KEEPING QUIET	4	3
12			POEM	A THING OF BEAUTY	4	3
13			V-3	JOURNEY TO THE END OF THE EARTH	4	5
14			V-4	THE ENEMY	5	4
15			WRITING	INVITATIONS & REPLIES	4	4
16				REPORT WRITING	2	3
17				JOB APPLICATION	3	3
18				ARTICLE WRITING	2	3



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19	PRE-BOARD MM: 80 EXAMINATION (FULL COURSE)	100%	F-6	POETS & PANCAKES	5	4
20			POEM	A ROADSIDE STAND	4	3
21			V-5	ON THE FACE OF IT	5	4
22			V-6	MEMORIES OF CHILDHOOD	5	4
23			WRITING	INVITATIONS & REPLIES	4	2
24				JOB APPLICATION	4	2
25			F-7	THE INTERVIEW	5	4
26			F-8	GOING PLACES	5	4
27			POEM	AUNT JENNIFER'S TIGER	4	3
PHYSICS						
1	FIRST UNIT TEST MM: 25	30%	CHAPTER - 1	ELECTRIC CHARGES AND FIELDS.	14	10%
2			CHAPTER - 2	ELECTROSTATIC POTENTIAL AND CAPACITANCE	12	9%
3			CHAPTER - 3	CURRENT ELECTRICITY	18	11%
4	HALF YEARLY MM:70 (INCLUDING FIRST UNIT TEST)	30%+30% = 60%	CHAPTER - 4	MOVING CHARGES AND MAGNETISM.	18	12%
5			CHAPTER - 5	MAGNETISM AND MATTER	7	4%
6			CHAPTER - 6	ELECTROMAGNETIC INDUCTION	12	6%
7			CHAPTER - 7	ALTERNATING CURRENT	12	6%
8		CHAPTER - 8	ELECTROMAGNETIC WAVES	4	2%	
9	PRE-BOARD MM: 70 EXAMINATION (FULL COURSE)	40%	CHAPTER - 9	RAY OPTICS AND OPTICAL INSTRUMENTS	15	9%
10			CHAPTER - 10	WAVE OPTICS	15	8%
11			CHAPTER - 11	DUAL NATURE OF RADIATION AND MATTER	8	5%
12			CHAPTER 12	ATOMS	8	6%
13			CHAPTER - 13	NUCLEI	7	6%
14			CHAPTER - 14	SEMICONDUCTOR ELECTRONICS: MATERIALS, DEVICES AND SIMPLE CIRCUITS	10	6%



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CHEMISTRY(043)						
1	FIRST UNIT TEST MM: 25	30%	CHAPTER –10	BIOMOLECULES	12	10%
2			CHAPTER –4	d AND f BLOCK ELEMENTS	12	10%
3			CHAPTER –5	COORDINATION COMPOUNDS	12	10%
4	HALF YEARLY MM: 70 (INCLUDING	30+23 =53%	CHAPTER –1	SOLUTION	10	10%
5			CHAPTER –2	ELECTROCHEMISTRY	12	12.85%
6			CHAPTER –3	CHEMICAL KINETICS	10	10%
7	PRE BOARD MM: 70 (FULL COURSE)	30+23+47 =100%	CHAPTER –6	HALOALKANES & HALOARENES	10	8.57%
8			CHAPTER –7	ALCOHOLS, PHENOLS & ETHERS	10	8.57%
9			CHAPTER –8	ALDEHYDE, KETONE AND CARBOXYLIC ACID	10	11.42%
10			CHAPTER –9	AMINES	10	8.57%
					108	100%
MATHEMATICS						
1	FIRST UNIT TEST MM: 25	30%	3	MATRICES	25	10%
2			4	DETERMINANTS	25	10%
3			5	CONTINUITY AND DIFFERENTIABILITY	20	10%
4	HALF YEARLY MM: 80 (INCLUDING FIRST UNIT TEST)	30%+50% 80%	2	INVERSE TRIGONOMETRIC FUNCTIONS	15	5%
5			6	APPLICATION OF DERIVATIVES	10	10%
6			7	INTEGRALS	20	12%
7			8	APPLICATION OF INTEGRATION	15	8%
8	PRE BOARD MM: 80 (FULL COURSE)	100%	1	RELATIONS AND FUNCTIONS	15	
9			9	DIFFERENTIAL EQUATIONS	15	6%
10			10	VECTOR ALGEBRA	15	5%
11			11	THREE DIMENSIONAL GEOMETRY	15	9%
12			12	LINEAR PROGRAMMING	20	5%
			13	PROBABILITY	30	10%



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BIOLOGY						
1	FIRST UNIT TEST MM: 25	30%	CHAPTER – 1	SEXUAL REPRODUCTION IN FLOWERING PLANTS	15	9%
2			CHAPTER – 2	HUMAN REPRODUCTION	15	9%
3			CHAPTER – 3	REPRODUCTIVE HEALTH	7	6%
4			CHAPTER – 7	HUMAN HEALTH AND DISEASES	7	6%
5	HALF YEARLY MM: 70 (INCLUDING FIRST UNIT TEST)	30+30 =60%	CHAPTER – 4	PRINCIPLES OF INHERITANCE AND VARIATION	12	12%
6			CHAPTER – 5	MOLECULAR BASIS OF INHERITANCE	12	12%
7			CHAPTER – 6	EVOLUTION	8	6%
8	PRE BOARD MM: 70 (FULL COURSE)	100%	CHAPTER – 8	MICROBES IN HUMAN WELFARE	8	6%
9			CHAPTER – 9	BIOTECHNOLOGY - PRINCIPLES AND PROCESSES	10	8%
10			CHAPTER – 10	BIOTECHNOLOGY AND ITS APPLICATIONS	10	8%
11			CHAPTER – 11	ORGANISMS AND POPULATIONS	8	6%
12			CHAPTER – 12	ECOSYSTEM	8	6%
13			CHAPTER – 13	BIODIVERSITY AND ITS CONSERVATION	6	6%
PHYSICAL EDUCATION						
1	FIRST UNIT TEST MM: 25	30%	UNIT-1	MANAGEMENT OF SPORTING EVENTS	10	10
2			UNIT-2	CHILDREN & WOMEN IN SPORTS	8	10
3			UNIT-3	YOGA AS PREVENTIVE MEASURE FOR LIFESTYLE DISEASE	10	10
4	HALF YEARLY MM 70 INCLUDING FIRST UNIT TEST	70%	UNIT-4	PHYSICAL EDUCATION AND SPORTS FOR CWSN	10	10
5			UNIT-5	SPORTS AND NUTRITION	12	10
6			UNIT-6	TEST AND MEASUREMENT IN SPORTS	8	10
7			UNIT-7	PHYSIOLOGY AND INJURIES IN SPORTS	10	10
8	PRE BOARD MM:70 FULL COURSE	100%	UNIT-8	BIOMECHANICS AND SPORTS	10	10
9			UNIT-9	PSYCHOLOGY AND SPORTS	8	10
10			UNIT-10	TRAINING AND SPORTS	9	10



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INFORMATICS PRACTICES						
1	FIRST UNIT TEST MM: 25	30%	UNIT-2	DATABASE QUERY USING SQL	15	10%
2			UNIT-1	DATA HANDLING USING PANDAS -1 (Series)	20	10%
				DATA HANDLING USING PANDAS-II(IMPORTING / EXPORTING DATA BETWEEN MYSQL AND PANDAS)	9	5%
3	HALF YEARLY MM: 70 (INCLUDING FIRST UNIT TEST)	30+40 =70%	UNIT-1	DATA HANDLING USING PANDAS -2 (SERIES , DATAFRAMES & DATA VISUALIZATION	40	40%
4						
5	PRE BOARD MM: 70 (FULL COURSE)	100%	UNIT-3	INTRODUCTION TO COMPUTER NETWORK	15	15%
6			UNIT-4	SOCIETAL IMPACTS	15	15%
PSYCHOLOGY						
1	FIRST UNIT TEST MM: 25	30%	1	VARIATIONS IN PSYCHOLOGICAL ATTRIBUTES	30	15
2			2	SELF AND PERSONALITY	32	15
3	HALF YEARLY EXAM MM: 70 INCLUDING FIRST UNIT TEST	70%	3	MEETING LIFE CHALLENGES	23	20
4			4	PSYCHOLOGICAL DISORDERS (TILL DISSOCIATIVE DISORDERS)	30	20



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5	PRE BOARD MM: 70 FULL COURSE	100%	4	Remaining Chapter 4		
6			5	Therapeutic Approaches	25	15
7			6	Attitude and social cognition	16	10
8			7	SOCIAL INFLUENCES AND GROUP PROCESSES	14	5
ECONOMICS						
1	FIRST UNIT TEST MM: 25	27.50%	IED - 1	INDIAN ECONOMY ON THE EVE OF INDEPENDENCE	7	3.00%
2			IED - 2	INDIAN ECONOMY (1950-1990)	9	4.00%
3			IED - 3	LIBERALISATION, PRIVATISATION & GLOBALISATION: AN APPRAISAL	10	8.00%
4			IME -1.1	INTRODUCTION AND CIRCULAR FLOW OF INCOME	6	3.00%
5			IME -1.2	NATIONAL INCOME AND RELATED AGGREGATES	8	4.00%
6			IME -1.3	METHODS OF MEASURING NATIONAL INCOME	10	5.50%
7	HALF YEARLY EXAM MM: 80 INCLUDING FIRST UNIT TEST	67.50%	IED - 4	HUMAN CAPITAL FORMATION IN INDIA	5	6.00%
8			IED - 5	RURAL DEVELOPMENT	6	7.00%
9			IED - 6	EMPLOYMENT: GROWTH, INFORMALISATION AND OTHER ISSUES	8	8.00%
10			IED - 7	ENVIRONMENT AND SUSTAINABLE DEVELOPMENT	4	4.00%
11			IME -2.1	MONEY: FUNCTIONS AND MONEY CREATION	7	3.50%
12			IME -2.2	FUNCTIONS OF CENTRAL BANK AND CREDIT CONTROL	8	4.00%
13			IME - 4	GOVERNMENT BUDGET AND THE ECONOMY	8	7.50%
14				PROJECT WORK - 1		
15				SYLLABUS OF FIRST UNIT TEST		



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16	PRE BOARD MM: 80 FULL COURSE	32.50%	IED - 8	COMPARATIVE DEVELOPMENT EXPERIENCE OF INDIA AND ITS NEIGHBOURS	6	10.00%	
17			IME - 3.1	AGGREGATES DEMAND AND AGGREGATES SUPPLY	4	3.00%	
18			IME - 3.2	INCOME DETERMINATION, EQUILLIBRIUM AND MULTIPLIER	6	5.00%	
19			IME - 3.3	PROBLEM OF EXCESS DEMAND AND DEFICIENT DEMAND	7	7.00%	
20			IME - 5.1	FOREIGN EXCHANGE RATE	3	3.50%	
21			IME - 5.2	BALANCE OF PAYMENTS	4	4.00%	
21				PROJECT WORK - 2			
23				SYLLABUS OF FIRST UNIT TEST AND HALF YEARLY			
ENTREPRENEURSHIP							
1	FIRST UNIT TEST MM: 25	30%	1	ENTREPRENEURIAL OPPORTUNITIES	25	15%	
2			2	ENTERPRISE MARKETING	20	15%	
				ACTIVITY: IDEA GENERATION AND MARKET SURVEY	10		
3	HALF YEARLY MM:70 INCLUDING FIRST UNIT TEST	70%	3	ENTREPRENEURIAL PLANNING	25	20%	
4			4	BUSINESS ARITHMETIC	20	20%	
5				PROJECT: MARKET SURVEY	8		
6	PRE BOARD MM: 70 FULL COURSE	100%	5	ENTERPRISE GROWTH STRATEGIES	24	20%	
7			6	RESOURCE MOBILIZATION	20	10%	
8				PROJECT: BUSINESS PLAN	10		