



SYLLABUS

CLASS : SCHOLARS 2 (XII)

STREAM : SCIENCE

CH. NO.	EXAM	CHAPTER NAME	MM
ENGLISH			
-	FIRST UNIT TEST MM: 25	LETTER TO EDITOR	25
		NOTICE WRITING	
1		THE LAST LESSON	
1		MY MOTHER AT SIXTY SIX	
1		THIRD LEVEL	
2		TIGER KING	
2		LOST SPRING	
3	HALF YEARLY MM : 80 INCLUDING FIRST UNIT TEST	FLAMINGO - PROSE	
		DEEP WATER	
		THE RATTRAP	
		INDIGO	
		FLAMINGO - POETRY	
P-2		KEEPING QUIET	
P-3		A THING OF BEAUTY	
		VISTAS	
3		JOURNEY TO THE END OF THE EARTH	
4		THE ENEMY	
		WRITING SKILLS - SHORT	
		INVITATIONS	
		WRITING SKILLS - LONG	
		REPORT WRITING	
		JOB APPLICATION	
		ARTICLE WRITING	
6	PRE-BOARD EXAMINATION MM: 80 FULL COURSE	FLAMINGO - PROSE	
		POETS & PANCAKES	
		FLAMINGO - POETRY	
		A ROADSIDE STAND	
		VISTAS	
		ON THE FACE OF IT	
		MEMORIES OF CHILDHOOD	
		WRITING SKILLS - SHORT	
		INVITATIONS & REPLIES	
		JOB APPLICATION	
		FLAMINGO - PROSE	
		THE INTERVIEW	
		GOING PLACES	
		FLAMINGO - POETRY	
	AUNT JENNIFER'S TIGER		
PHYSICS			
1	FIRST UNIT TEST MM: 25	CHAPTER – 1: ELECTRIC CHARGES AND FIELDS.	25
2		CHAPTER – 2: ELECTROSTATIC POTENTIAL AND CAPACITANCE	
3		CHAPTER – 3: CURRENT ELECTRICITY	
	HALF YEARLY MM 70 INCLUDING FIRST UNIT TEST	CHAPTER – 4: MOVING CHARGES AND MAGNETISM.	
		CHAPTER – 5: MAGNETISM AND MATTER	
		CHAPTER – 6: ELECTROMAGNETIC INDUCTION	
		CHAPTER – 7: ALTERNATING CURRENT	
		CHAPTER – 8: ELECTROMAGNETIC WAVES	
		CHAPTER – 9: RAY OPTICS AND OPTICAL INSTRUMENTS	

		CHAPTER – 10: WAVE OPTICS	
		CHAPTER – 11: DUAL NATURE OF RADIATION AND MATTER	
		CHAPTER 12 – ATOMS	
		CHAPTER – 13: NUCLEI	
	RDMM: 70FULL COURSE	CHAPTER – 14: SEMICONDUCTOR ELECTRONICS: MATERIALS, DEVICES AND SIMPLE CIRCUITS	
CHEMISTRY			
6	FIRST UNIT TEST MM: 25	Unit-6:HALOALKANES & HALOARENES	25
7		Unit-7:ALCOHOLS, PHENOLS & ETHERS	
8		Unit-8:ALDEHYDES,KETONES & CARBOXYLIC ACIDS	
9	HALF YEARLY MM 70 INCLUDING FIRST UNIT TEST	Unit-9:AMINES	70
10		Unit 10:BIOMOLECULES	
4		Unit-4: d AND f BLOCK ELEMENTS	
1	RDMM: 70FULL COURSE	Unit-1: SOLUTION	70
2		Unit-2: ELECTROCHEMISTRY	
3		Unit-3: CHEMICAL KINETICS	
5		Unit-5: COORDINATION COMPOUNDS	
MATHEMATICS			
3	FIRST UNIT TEST MM: 25	MATRICES	25
4		DETERMINANTS	
5		CONTINUITY AND DIFFERENTIABILITY	
2	HALF YEARLY MM 80 INCLUDING FIRST UNIT TEST	INVERSE TRIGONOMETRIC FUNCTIONS	
6		APPLICATION OF DERIVATIVES	
7		INTEGRALS	
8		APPLICATION OF INTEGRATION INCLUDING FIRST UNIT TEST SYLLABUS	
9	PRE BOARD MM: 80 FULL COURSE	DIFFERENTIAL EQUATIONS	
10		VECTOR ALGEBRA	
11		THREE DIMENSIONAL GEOMETRY	
12		LINEAR PROGRAMMING	
13		PROBABILITY	
		INCLUDING HALF YEARLY SYLLABUS	
BIOLOGY			
2	FIRST UNIT TEST MM: 25	SEXUAL REPRODUCTION IN FLOWERING PLANTS	30%
3		HUMAN REPRODUCTION	
4		REPRODUCTIVE HEALTH	
8		HUMAN HEALTH AND DISEASES	
5	HALF YEARLY MM 70 INCLUDING FIRST UNIT TEST	PRINCIPLES OF INHERITANCE AND VARIATION	30%+30% =60%
6		MOLECULAR BASIS OF INHERITANCE	
7		EVOLUTION	
10	PRE BOARD MM: 70 FULL COURSE	MICROBES IN HUMAN WELFARE	60+40%= 100%
11		BIOTECHNOLOGY - PRINCIPLES AND PROCESSES	
12		BIOTECHNOLOGY AND ITS APPLICATIONS	
13		ORGANISMS AND POPULATIONS	
14		ECOSYSTEM	
15		BIODIVERSITY AND ITS CONSERVATION	
PHYSICAL EDUCATION			
1	FIRST UNIT TEST MM: 25	MANAGEMENT OF SPORTING EVENTS	25
2		CHILDREN & WOMEN IN SPORTS	
3		YOGA AS PREVENTIVE MEASURE FOR LIFESTYLE DISEASE	
4	HALF YEARLY MM 70 INCLUDING FIRST	PHYSICAL EDUCATION AND SPORTS FOR CWSN	70
5		SPORTS AND NUTRITION	

6	UNIT TEST	TEST AND MEASUREMENT IN SPORTS		
7	PRE BOARD MM:70 FULL COURSE	PHYSIOLOGY AND INJURIES IN SPORTS	70	
8		BIOMECHANICS AND SPORTS		
9		PSYCHOLOGY AND SPORTS		
10		TRAINING AND SPORTS		
INFORMATICS PRACTICES				
UNIT-2	FIRST UNIT TEST MM: 25	DATABASE QUERY USING SQL	25	
UNIT-1		DATA HANDLING USING PANDAS -1		
		DATA HANDLING USING PANDAS-II(IMPORTING / EXPORTING DATA BETWEEN MYSQL AND PANDAS)		
UNIT-2	HALF YEARLY MM 70		70	
	INCLUDING FIRST UNIT TEST	DATA HANDLING USING PANDAS -2 (SERIES , DATAFRAMES & DATA VISUALIZATI		
UNIT-3	PRE BOARDMM: 70FU	INTRODUCTION TO COMPUTER NETWORK	100	
UNIT-4		SOCIETAL IMPACTS		
PSYCHOLOGY				
1	FIRST UNIT TEST MM: 25	VARIATIONS IN PSYCHOLOGICAL ATTRIBUTES	25	
2		SELF AND PERSONALITY		
3	HALF YEARLY EXAM MM: 70	MEETING LIFE CHALLENGES	70	
4	INCLUDING FIRST UNIT TEST	PSYCHOLOGICAL DISORDERS (TILL DISSOCIATIVE DISORDERS)		
4	PRE BOARD MM: 70 FULL COURSE	Remaining Chapter 4	70	
5		Therapeutic Approaches		
6		Attitude and social cognition		
ECONOMICS				
IED - 1	FIRST UNIT TEST MM: 25	INDIAN ECONOMY ON THE EVE OF INDEPENDENCE	25	
IED - 2		INDIAN ECONOMY (1950-1990)		
IED - 3		LIBERALISATION, PRIVATISATION & GLOBALISATION: AN APPRAISAL		
IME -1.1		INTRODUCTION AND CIRCULAR FLOW OF INCOME		
IME -1.2		NATIONAL INCOME AND RELATED AGGREGATES		
IME -1.3		METHODS OF MEASURING NATIONAL INCOME		
IED - 5	HALF YEARLY EXAMS MM: 80	HUMAN CAPITAL FORMATION IN INDIA	100	
IED - 6		RURAL DEVELOPMENT		
IME -2.1		MONEY: FUNCTIONS AND MONEY CREATION		
IME -2.2		FUNCTIONS OF CENTRAL BANK AND CREDIT CONTROL		
IME - 4	INCLUDING FIRST UNIT TEST	GOVERNMENT BUDGET AND THE ECONOMY		
		PROJECT WORK - 1		
IED - 7	PRE BOARD MM: 80 FULL COURSE	EMPLOYMENT: GROWTH, INFORMALISATON AND OTHER ISSUES		
IED - 9		ENVIRONMENT AND SUSTAINABLE DEVELOPMENT		
IED - 10		COMPARATIVE DEVELOPMENT EXPERIENCE OF INDIA AND ITS NEIGHBOURS		
IME - 3.1		AGGREGATES DEMAND AND AGGREGATES SUPPLY		
IME - 3.2		INCOME DETERMINATION, EQUILLIBRIUM AND MULTIPLIER		
IME - 3.3		PROBLEM OF EXCESS DEMAND AND DEFICIENT DEMAND		
IME - 5.1		FOREIGN EXCHANGE RATE		
IME - 5.2		BALANCE OF PAYMENTS		
				PROJECT WORK - 2