



**SYLLABUS**

**CLASS : SCHOLARS 1 (XI)**

**STREAM : SCIENCE**

CH. NO.	EXAM	CHAPTER NAME	MM
<b>ENGLISH</b>			
1	FIRST UNIT TEST MM: 25	SPEECH WRITING	25
2		TENSES	
3		THE PORTRAIT OF A LADY	
4		A PHOTOGRAPH	
5		THE SUMMER OF THE BEAUTIFUL WHITE HORSE	
6		THE ADDRESS	
7		WE ARE NOT AFRAID TO DIE IF WE ALL CAN BE TOGETHER	
8		THE LABURNUM TOP	
9	HALF YEARLY MM : 80 INCLUDING FIRST UNIT TEST	HORNBILL - PROSE	
10		The Voice of the Rain - POEM	
11		SNAPSHOTS	
12		The Mother's Day	
13		GRAMMAR	
14		Sentence Transformation (Changing of assertive to interrogative, exclamatory, imperative and vice versa. Degrees of Comparison)	
15			
16		WRITING SKILLS - SHORT	
17		Advertisements - classified	
18		Posters	
19	LONG WRITING SKILLS		
20	Debate Writing		
21	2ND UNIT TEST MM: 25	HORNBILL - PROSE	
22		The Adventure	
23		Childhood - Poem	
24		SNAPSHOTS	
25		Birth	
26		GRAMMAR	
27		SENTENCE TRANSFORMATION - Direct & Indirect Speech	
28		WRITING SKILLS - SHORT	
29		Posters	
30		LONG WRITING SKILLS	
31		Debate Writing	
32	FINAL EXAMINATION MM: 80 FULL COURSE		
33		Note Making	
34		HORNBILL - PROSE	
35		Father to Son, Silk Road	
36		SNAPSHOTS	
37		The Tale of a Melon City	
38		GRAMMAR	
39		Gap Filling ( Tenses), Sentence Reordering / Sentence Transformation	
40			
41		LONG WRITING SKILLS	
42		Debate Writing	
43	Speech Writing		
<b>PHYSICS</b>			
1	FIRST UNIT TEST MM: 25	CHAPTER-2: UNITS AND MEASUREMENTS	25
2		CHAPTER-3: MOTION IN A STRAIGHT LINE	
3		CHAPTER-4: MOTION IN A PLANE	
4	HALF YEARLY	CHAPTER-5: LAWS OF MOTION	

5	MM 70 INCLUDING FIRST UNIT TEST	CHAPTER-6: WORK, ENERGY AND POWER	
6		CHAPTER-8: GRAVITATION	
7	SECOND UNIT TEST	CHAPTER-7: SYSTEM OF PARTICLES AND ROTATIONAL MOTION	
8	MM: 25	CHAPTER-9: MECHANICAL PROPERTIES OF SOLIDS	
9		CHAPTER-10: MECHANICAL PROPERTIES OF FLUIDS	
10	FINAL EXAMINATION FULL COURSE MM: 70	CHAPTER-11: THERMAL PROPERTIES OF MATTER	
11		CHAPTER-12: THERMODYNAMICS	
12		CHAPTER-13: KINETIC THEORY	
13		CHAPTER-14: OSCILLATIONS	
14		CHAPTER-15: WAVES	
<b>CHEMISTRY</b>			
1	FIRST UNIT TEST MM: 25	SOME BASIC CONCEPTS OF CHEMISTRY	25
2		STRUCTURE OF ATOM	
3		CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES	
4	HALF YEARLY MM 70 INCLUDING FIRST UNIT TEST	CHEMICAL BONDING & MOLECULAR STRUCTURE	
5		REDOX REACTION	
6	SECOND UNIT TEST	CHEMICAL THERMODYNAMICS	
7	MM: 25	EQUILIBRIUM	
8	FINAL EXAMINATION	SOME BASIC CONCEPTS OF ORGANIC CHEMISTRY	
9	FULL COURSE MM: 70	HYDROCARBON	
<b>MATHEMATICS</b>			
1	FIRST UNIT TEST MM: 25	SETS	25
2		RELATIONS AND FUNCTIONS	
3		TRIGONOMETRIC FUNCTIONS	
4	HALF YEARLY MM:80 INCLUDING FIRST UNIT TEST	COMPLEX NUMBERS	
5		LINEAR INEQUALITIES	
6		PERMUTATIONS AND COMBINATIONS	
7		BINOMIAL THEOREM	
8		INTRODUCTION TO THREE DIMENSIONAL GEOMETRY	
9		INCLUDING FIRST UNIT SYLLABUS	
10	2ND UNIT TEST	SEQUENCE AND SERIES	
11		STRAIGHT LINE	
12		STATISTICS	
13	FINAL EXAM MM: 80 FULL COURSE	CONIC SECTIONS	
14		LIMITS AND DERIVATIVES	
15		PROBABILITY	
16		INCLUDING HALF YEARLY AND SECOND UNIT TEST SYLLABUS	
<b>BIOLOGY</b>			
1	FIRST UNIT TEST MM: 25	THE LIVING WORLD	30%
2		BIOLOGICAL CLASSIFICATION	
3		PLANT KINGDOM	
4		ANIMAL KINGDOM	
5		MORPHOLOGY OF FLOWERING PLANTS	
6	4: 70 INCLUDING FI	ANATOMY OF FLOWERING PLANTS	30%+30% =60%
7		STRUCTURAL ORGANISATION IN ANIMALS	
8		CELL- THE UNIT OF LIFE	
9		BIOMOLECULES	
10		CELL CYCLE AND CELL DIVISION	
13	D UNIT TEST MM: 2	PHOTOSYNTHESIS IN HIGHER PLANTS	20%
14		RESPIRATION IN PLANTS	
15		PLANT - GROWTH AND DEVELOPMENT	

17		BREATHING AND EXCHANGE OF GASES	
18	FINAL EXAMINATION MM:70 FULL COURSE	BODY FLUIDS AND CIRCULATION	100%
19		EXCRETORY PRODUCTS AND THEIR ELIMINATION	
20		LOCOMOTION AND MOVEMENT	
21		NEURAL CONTROL AND COORDINATION	
22		CHEMICAL COORDINATION AND INTEGRATION	
<b>PHYSICAL EDUCATION</b>			
1	FIRST UNIT TEST MM: 25	CHANGING TRENDS AND CAREER IN PHYSICAL EDUCATION	25
2		OLYMPISM	
3		YOGA	
4	HALF YEARLY MM:70 INCLUDING UNIT TEST	PHYSICAL EDUCATION AND SPORTS FOR CWSN (Children With Special Needs- Divyang)	70
5		PHYSICAL FITNESS, HEALTH AND WELLNESS	
6		TEST, MEASUREMENT AND EVALUATION	
7	2ND UNIT TEST MM:25	FUNDAMENTALS OF ANATOMY, PHYSIOLOGY IN SPORTS	25
8		FUNDAMENTALS OF KINESIOLOGY AND BIOMECHANICS IN SPORTS	
9		PSYCHOLOGY & SPORTS	
10	FINAL EXAMINATION MM: 70 FULL COURSE	TRAINING AND DOAPING IN SPORTS	100

**INFORMATICS PRACTICES**

UNIT-4	FIRST UNIT TEST MM: 25	DATABASE CONCEPTS	25
		STRUCTURED QUERY LANGUAGE	
	HALF YEARLY MM:70		70
UNIT-2	INCLUDING UNIT TEST	BASICS OF PYTHON PROGRAMMING	
		PYTHON CONTROL STATEMENTS	
	2ND UNIT TEST MM:25		
		LIST AND DICTIONARY OF PYTHON	
	FINAL EXAMINATION MM: 70	INTRODUCTION TO EMERGING TRENDS	100
	FULL COURSE		

**ENTREPRENEURSHIP**

1	FIRST UNIT TEST	ENTREPRENEURSHIP: CONCEPT AND FUNCTION	25
2		ACTIVITY: PROMETHEAN SESSION(WEBINAR)ENTREPRENEURIAL JOURNEY	
3		AN ENTREPRENEUR	
4		ACTIVITY: EXHIBITION(PRODUCT EXHIBITION)	
5	HALF YEARLY MM:70 INCLUDING UNIT TEST	3 Entrepreneurial Journey	60
6		Activity: Idea generation	
7		Role play	
8		4 Entrepreneurship as Innovation and Problem Solving	
9		Activity:	
10		Industrial visit	
11		Starting of small business "earn while learning	
12	2ND UNIT TEST	5. Concept of Market	90
13		Activity:	
14		Students will apply all components of marketing mix for their product development	
15		6. Business Finance and Arithmetic-I (Up to concept of cost)	
16		Activity: Industrial Visit	
17	FINAL EXAM MM: 70	7. Resource Mobilization	100
18	FULL COURSE	Activity: Industrial visit	
19		PROJECT WORK	

**PSYCHOLOGY**

1	FIRST UNIT TEST MM: 25	WHAT IS PSYCHOLOGY	25
2		HUMAN MEMORY	
3	HALF YEARLY EXAM MM: 70		70
4	INCLUDING FIRST UNIT TEST	METHODS OF ENQUIRY IN PSYCHOLOGY	
		HUMAN DEVELOPMENT	
5	2ND UNIT TEST MM: 25	Sensory, Attentional and Perceptual Processes	
6		LEARNING	
7	FINAL EXAMS MM: 70	Thinking	
8	FULL COURSE	Motivation and emotion	

**ECONOMICS**

	FIRST UNIT TEST MM: 25	<b><u>SECTION / PART – A (STATISTICS FOR ECONOMICS)</u></b>	25
1		CONCEPT OF ECONOMICS AND SIGNIFICANCE OF STATISTICS IN ECONOMICS	
2		COLLECTION OF DATA	
3		CENSUS AND SAMPLE METHODS OF COLLECTION OF DATA	
		<b><u>SECTION / PART –B INTRODUCTORY MICROECONOMICS)</u></b>	

1		ECONOMICS AND ECONOMY	
2		CENTRAL PROBLEMS OF AN ECONOMY	
3		CONSUMER'S EQUILIBRIUM-UTILITY ANALYSIS	
		<b>SECTION / PART – A (STATISTICS FOR ECONOMICS)</b>	
4		ORGANISATION OF DATA	
5		PRESENTATION OF DATA -	
		* TEXTUAL AND TABULAR PRESENTATION	
		* DIAGRAMMATIC PRESENTATION OF DATA –	
		BAR DIAGRAMS AND PIE DIAGRAMS	
		* FREQUENCY DIAGRAMS-	
		HISTOGRAM, POLYGON AND OGIVE	
		* ARITHMETIC LINE GRAPHS OR TIME SERIES GRAPHS	
6	HALF YEARLY MM: 80 INCLUDING FIRST UNIT TEST	MEASURES OF CENTRAL TENDENCY-ARITHMETIC MEAN	100
		<b>SECTION / PART –B INTRODUCTORY MICRO ECONOMICS)</b>	
4		CONSUMER'S EQUILIBRIUM - I C ANALYSIS	
5		THEORY OF DEMAND	
6		PRICE ELASTICITY OF DEMAND	
		<b>PROJECT WORK - 1</b>	
		<b>SECTION / PART – A (STATISTICS FOR ECONOMICS)</b>	
7		MEASURES OF CENTRAL TENDENCY - MEDIAN &MODE	
		<b>SECTION / PART –B INTRODUCTORY MICRO ECONOMICS)</b>	
7	2ND UNIT TEST MM:25	PRODUCTION FUNCTION AND RETURNS TO A FACTOR	25
8		CONCEPTS OF COST	
9		CONCEPTS OF REVENUE	
10		PRODUCER'S EQUILIBRIUM	
11		THEORY OF SUPPLY	
		<b>SECTION / PART – A (STATISTICS FOR ECONOMICS)</b>	
8		CORRELATION	
9		INDEX NUMBERS	
		<b>SECTION / PART –B INTRODUCTORY MICRO ECONOMICS)</b>	
10	FINAL EXAM MM: 80 FULL COURSE	FORMS OF MARKET	100
11		MARKET EQUILIBRIUM UNDER PERFECT COMPETITION AND EFFECTS OF SHIFTS IN DEM	
		<b>PROJECT WORK - 2</b>	