BAL BHARATI PUBLIC SCHOOL, DWARKA
HALF YEARLY SYLLABUS
CLASS XI
2024-25

1	ARTIFICIAL INTELLIGENCE	(THEORY) PART A – EMPLOYABILITY SKILLS UNIT 4ENTREPRENEURIAL SKILLS PART B – AI SKILLS UNIT 1INTRODUCTION – ARTIFICIAL INTELLIGENCE FOR EVERYONE UNIT 2UNLOCKING YOUR FUTURE IN AI UNIT 3PYTHON PROGRAMMING (TILL PAGE 38) UNIT 8AI ETHICS & VALUES
2	COMPUTER SCIENCE	CHAPTER 1- COMPUTER SYSTEM OVERVIEW CHAPTER 2- DATA REPRESENTATION CHAPTER 3- BOOLEAN ALGEBRA CHAPTER 5- GETTING STARTED WITH PYTHON CHAPTER 6- PYTHON FUNDAMENTALS CHAPTER 7- DATA HANDLING CHAPTER 9- FLOW OF CONTROL
3	PHYSICS	CH1 UNITS AND MEASUREMENT CH2 MOTION IN STRAIGHT LINE CH 3 MOTION IN PLANE CH 4 LAWS OF MOTION CH 5 WORK ENERGY POWER
4	CHEMISTRY	CH1 SOME BASIC CONCEPTS OF CHEMISTRY CH 2 STRUCTURE OF ATOM CH 3 CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES CH 4 CHEMICAL BONDING AND MOLECULAR STRUCTURE
5	ENGLISH	READING 1. UNSEEN COMPREHENSION 2. NOTE MAKING AND SUMMARISING WRITING 1. ADVERTISEMENTS 2. POSTER MAKING 3. SPEECH WRITING 4. DEBATE WRITING GRAMMAR 1. GAP FILLING 2. REARRANGEMENT OF WORDS 3. TRANSFORMATION OF SENTENCES LITERATURE: HORNBILL 1. THE PORTRAIT OF A LADY 2. A PHOTOGRAPH 3. WE'RE NOT AFRAID TO DIE... 4. DISCOVERING TUT 5. THE LABURNUM TOP SNAPSHOTS:

		1. THE SUMMER OF THE BEAUTIFUL WHITE HORSE
		2. THE ADDRESS
6	ACCOUNTANCY	CH1. INTRODUCTION TO ACCOUNTING
		CH2. BASIC ACCOUNTING TERMS
		CH3. THEORY BASE OF ACCOUNTING
		CH4. BASES OF ACCOUNTING
		CH5. ACCOUNTING EQUATION
		CH6. ACCOUNTING PROCEDURES
		CH7. ORIGIN OF TRANSACTIONS- VOUCHERS
		CH8. JOURNAL
		CH9. LEDGER
		CH10. SPECIAL PURPOSE BOOKS I- CASH BOOK
		CH 11. SPECIAL PURPOSE BOOKS II- OTHER BOOKS
		CH14. TRIAL BALANCE
7	PAINTING	1. PRE HISTORIC ROCK PAINTING
		2. THE ART OF INDUS VALLEY
		3. THE ART DURING MAURYAN. SHUNGA, KUSHANA, AND GUPTA PERIODS
		4. THE ART OF AJANTA CAVES
8	MATHS	CHAP 1. SETS
		CHAP 2. RELATIONS AND FUNCTIONS
		CHAP 3. TRIGONOMETRIC FUNCTIONS
		CHAP 12. LIMITS AND DERIVATIVES
9	PSYCHOLOGY	CH-1, WHAT IS PSYCHOLOGY?
		CH-2, METHODS OF ENQUIRY
		CH-3, HUMAN DEVELOPMENT
10	BUSINESS STUDIES	1. EVOLUTION AND FUNDAMENTALS OF BUSINESS
		2. FORMA OF BUSINESS ORGANISATION
		4. BUSINESS SERVICES
		5. EMERGING MODES OF BUSINESS
11	ECONOMICS	MICROECONOMICS
		CH 1- INTRODUCTION AND CENTRAL PROBLEMS
		CH 2 - CONSUMER'S EQUILIBRIUM (CARDINAL AND ORDINAL APPROACH)
		CH 3 - DEMAND
		CH 4 - ELASTICITY OF DEMAND
		STATISTICS -
		CH 1- CONCEPT OF ECONOMICS AND SIGNIFICANCE OF STATISTICS IN ECONOMICS
		CH 2- COLLECTION OF DATA
		CH 3 - CENSUS AND SAMPLE METHODS
		CH 4- ORGANIZATION OF DATA
		CH 5- PRESENTATION OF DATA - TEXTUAL AND TABULAR PRESENTATION
		CH 6- BAR DIAGRAMS AND PIE DIAGRAMS
		CH 7- FREQUENCY DIAGRAMS- HISTOGRAM, POLYGON, AND OGIVE
12	PHYSICAL EDUCATION	UNIT 1: CHANGING TRENDS AND CAREER IN PHYSICAL EDUCATION
		UNIT 2: OLYMPISM VALUE EDUCATION
		UNIT 3: YOGA
		UNIT 4: PHYSICAL EDUCATION AND SPORTS FOR CHILDREN WITH SPECIAL NEEDS

BIOLOGY	UNIT 1
	DIVERSITY OF LIVING ORGANISMS
	CHAPTER 1 THE LIVING WORLD
	CH 2 BIOLOGICAL CLASSIFICATION
	CH 3 PLANT KINGDOM
	CH 4 ANIMAL KINGDOM
	UNIT 2
	STRUCTURAL ORGANIZATION IN PLANTS AND ANIMALS
	CH 5 MORPHOLOGY OF FLOWERING PLANTS
	CH 6 ANATOMY OF FLOWERING PLANTS
	CH 7 STRUCTURAL ORGANISATION IN ANIMALS
	UNIT 3
	CH 8 CELL-THE UNIT OF LIFE
	CH 9 BIOMOLECULES
	CH 10 CELL CYCLE AND CELL DIVISION