ARMY PUBLIC SCHOOL, BATHINDA MIL. STN. CLASS – XI (HALF YEARLY SYLLABUS-2025-26)	
COMPUTER SCIENCE	Unit 1: Computer Systems and Organisation Complete Unit 2: Computational Thinking and Programming – I • Introduction to Problem-solving: • Familiarization with the basics of Python programming: • Knowledge of data types: • Operators: • Expressions, statement, type conversion, and input/output • Errors • Flow of Control • Conditional statements • Iterative Statement
MATHS	Ch 1- Sets ,Ch- 2 Relations and Functions, Ch 3- Trigonometry , Ch 4- Complex Numbers and quadratic Equations. Ch5 –Linear Inequalities Ch 6-Permutations and Combinations. Ch7-Binomial Theorem, Ch8-Sequence and Series
HISTORY	Ch-1-Timeline-From the Beginning of Time Ch-2. Writing and The City Life Ch-3. An Empire Across Three Continents Ch-4. Nomadic Empires Ch-5. The Three Orders
ECONOMICS	Ch-Arithmetic mean Ch-Median and Mode Ch-Textual and tabular presentation Ch-Diagrammatic presentation of data Ch-Frequency Diagrams Ch-Introduction Ch-Central Problems of an economy Ch-Consumer's Equilibrium Ch-Indifference Curve analysis of Consumer's equilibrium Ch-Theory of Demand Ch-Price elasticity of demand Ch-Correlation Ch-Introduction to Index numbers
Geography	**Part 1:** Chapter 1: Geography as a discipline Chapter 2: Earth origin and Evolution Chapter 3: Interior of Erath Chapter 4: Distribution of Oceans and Continents Chapter 5: Geomorphic Processes Chapter 6 Landform and their Evolution **Part 2:** Chapter 1: India size and Location Chapter 2: Structure and Physiography. Chapter 3: Drainage System

ENGLISH	
	READING
	1. Unseen Comprehension Passages 2. Note Making And Summarizing
	BOOK: HORNBILL
	1. A Portrait of a Lady 2.We Are Not Afraid To Die…
	POEMS
	1. A Photograph 2. A Laburnum Top 3.The Voice Of Rain
	BOOK : Snapshots
	1. The Summer of the Beautiful White Horse 2. The Address 3. Mother's Day
	GRAMMAR
	1. Integrated Grammar Exercises
	WRITING
	1. Poster Making 2.Advertisements (For Sale, To Let, Situation Vacant /Situation Wanted) 3.Speech Writing
Accounts	UNIT .1 Introduction of Accounting UNIT.2 Theory Base of Accounting Recording of Business Transactions: * Vouchers and Transactions *Journal, Special Purpose books, Cash Book, Purchase book, Purchase Return book, Sales Return Book, Sales Book, Journal Proper, Journal Proper Ledger
B.std	Unit 1: Evolution and Fundamentals of Business Unit 2: Forms of Business organizations Unit 3: Public, Private and Multinational Company Unit 4: Business Services Unit 5: Emerging Modes of Business

Biology	1. The living world
	  2. Biological classification
	  3. Plant Kingdom
	  4. Animal Kingdom
	  5. Morphology of flowering plants
	  6. Anatomy of flowering plants
	  8. Cell the unit of life
	  9. Biomolecules
	  11. Photosynthesis in flowering plants

Physics	1. Physical world and Measurements
	
	  2. Kinematics
	
	  3. Laws of Motion
	
	  4. Work, Energy and Power

Commercial Arts	Art-Introduction, Fundamental of Art-
	• Six limbs of art
	• Elements of art
	• Principle of art
	    • Pre-Historic rock paintings and art of Indus / Sindhu Saraswati
	
	    Civilization (Indus valley Civilization) Buddhist, Jain and Hindu Art

Chemistry	Ch.1Some Basic Concepts of Chemistry Ch.2Structure of Atom Ch.3Classification of Elements and Periodicity in Properties Ch.4Chemical Bonding and Molecular Structure Ch.5Redox Reactions

Pol. Sci.	**Part -A**
	    Ch. 1 Constitution: Why and How?
	    Ch.2 Rights in the Indian Constitution
	    Ch.3 Election and Representation
	    Ch. 4 Executive
	    Ch. 5 Legislature
	Part – B
	    Ch. 1 Political Theory: An Introduction
	    Ch. 2 Freedom
	    Ch. 3 Equality
	    Ch. 4 Social Justice

Psychology	Ch- 1Understanding Psychology Ch-2 Methods of Enquiry in Psychology Ch-3 Human Development Ch-4 Sensory, Attentional and Perceptual Ch-5 Learning
Physical Education	Unit- 1 Changing trends and careers in physical education. Unit-2 Olympism value education Unit-3 Yoga Unit-4 Physical education and sports for CWSN Unit-5 Physical fitness ,wellness and lifestyle Unit-6 Test, measurement and evaluation

	ARMY PUBLIC SCHOOL, BATHINDA MIL. STN. CLASS – XI (UT -2 SYLLABUS)

Computer Science	Unit-2 Computational Thinking and Programming -1
	    String
	    Tuple
	    Dictionary

Maths	Ch 9- Straight Lines Ch10- Conic Sections Ch11- Introduction to three dimensional geometry ,
History	Ch-5-Changing Cultural Traditions Ch-6- Displacing Indigenous People Including Map Work
Economics	Ch-Producer's behavior Ch-Concepts of cost Ch-Concepts of Revenue Ch-Producer's equilibrium Ch-Theory of supply
Geography	**Part 1:** Ch: Structure of Atmosphere Ch: Solar Radiation, Heat Budget and Temperature **Part 2:** Ch: Drainage system Ch: Indian Monsoon
English	**READING:** Note Making and Summarizing **WRITING:** Advertisement Writing, Debate Writing **GRAMMAR: Integrated Grammar** **LITERATURE: Hornbill** – 1. Discovering Tut 2.The Adventure 3. Poem: Childhood **Snapshots** – 1. Birth
Accounts	Bank Reconciliation Statement Depreciation, Provision and Reserve Trial Balance
Business Std.	Unit-6 Social responsibility of business and business ethics Unit-7- Sources of business finance Unit 8 Small Business and enterprises
Biology	Ch 10. Cell Cycle and Cell division Ch 12. Respiration in plants Ch 13. Plant growth and development
Physics	1. Motion of system of particles and Rotational Motion 2. Gravitation 3. Mechanical Properties of Solids 4. Mechanical Properties of Fluids

Chemistry	- Chemical Thermodynamics - Organic Chemistry some basic principles and techniques

Commercial Arts	Art-Introduction, Fundamental of Art-
	  • Six limbs of art
	  • Elements of art
	  • Principle of art
	Pre Historic Paintings-Introduction, Period and Location, appreciation of following paintings.
	  • Wizard's Dance
	  • Bhimbetka

Political Science	**Part – A**
	        Ch. 6 Judiciary
	        Ch. 7 Federalism
	Part – B
	        Ch. 5 Rights
	        Ch. 6 Citizenship
	        Ch. 7 Nationalism

Psychology	Ch-5 Learning Ch-6 Human Memory Ch-7 Thinking
Physical Education	Unit-7 Fundamentals of anatomy, physiology in sports Unit-8 Fundamentals kinesiology and biomechanics in sports

ARMY PUBLIC SCHOOL, BATHINDA MIL. STN. CLASS – XI (Annual Syllabus - 2025-26)	
Computer Science	Unit-1 Computer System & Organization Unit-2 Computational Thinking and Programming 1 Unit-3 Society, Law, and Ethics
Maths	Ch 1- Sets Ch- 2 Relations and Functions Ch 3- Trigonometry Ch 4- Complex Numbers and quadratic Equations Ch5 –Linear Inequalities Ch 6-Permutations and Combinations Ch7-Binomial Theorem Ch8-Sequence and Series Ch 9- Straight Lines Ch 10- Conic Sections , Ch11- Introduction to three dimensional geometry Ch 12-Limits and Derivatives Ch 13- Statistics Ch 14- Probability
History	Ch-1. Writing and City Life Ch-2. An Empire Across Three Ch-3. Nomadic Empires Continents Ch-4. The Three Orders Ch-5. Changing Cultural Traditions Ch-6. Displacing Indigenous Peoples Ch-7. Paths to Modernization
Economics	Ch-Arithmetic mean Ch-Median and Mode Ch-Textual and tabular presentation Ch-Diagrammatic presentation of data: Bar diagrams and Pie diagrams Ch-Frequency Diagrams Ch-Introduction Ch-Central Problems of an economy Ch-Consumer's Equilibrium Ch-Indifference Curve analysis of Consumer's equilibrium Ch-Theory of Demand Ch-Price elasticity of demand Ch-Correlation Ch-Introduction to Index numbers Ch-Producer's behavior Ch-Concepts of cost Ch-Concepts of Revenue Ch-Producer's equilibrium Ch-Theory of supply Ch-Forms of Market Ch-Price determination under Perfect Competition with simple applications Ch-Collection of data Ch-Census and sample methods Ch-Organisation of data Ch-Arithmetic Line Graphs
Geography	**Part I:** 1. Geography as a discipline 2. The origin and Evolution of the Earth 3. Interior of the Earth 4. Distribution of oceans and continents 5. Geomorphic processes 6. Landforms and their evolution 7. Composition and structure of atmosphere 8. Solar Radiation, heat balance and temperature 9. Atmospheric circulation and weather systems 10. Water in atmosphere 11. Water 12. Movement of ocean water **Part: II** 1. India-Location 2. Structure and Physiography 3. Drainage system

	4. Climate 5. Natural Vegetation **Note: Map work from part I and part II**
English	**Section A** **READING :** 1. Unseen Comprehension Passage (Factual/Descriptive/Literary) 2. Unseen Comprehension Passage (Case-based factual) 3. Note-making and Summarizing **Section B** **WRITING SKILLS & GRAMMAR:** 4. GRAMMAR: Integrated Grammar 5. Short Composition: Poster Making, Drafting Advertisement 6 Long Composition: Speech Writing, Debate Writing **Section C LITERATURE** **7.Book: Hornbill** 1. The Portrait of a Lady 2.'We're Not Afraid to Die... if We Can Be Together 3. Discovering Tut: The Saga Continues 4. The Adventure 5. Silk Road **8.Poems:** 1.A Photograph 2. The Laburnum Top 3. The Voice of the Rain 4. Childhood 5. Father to Son **9. Book: Snapshots** 1.The Summer of the Beautiful White Horse 2. The Address 3. Mother's Day 4. Birth 5. The Tale of Melon City

Accounts	**Part A**
	UNIT 1
	        Introduction of Accounting
	         Theory Base of Accounting
	UNIT 2
	Recording of Business Transactions:
	 * Vouchers and Transactions
	 *Journal, Special Purpose books, Cash Book, Purchase book, Purchase
	   Return book, Sales Return Book, Sales Book, Journal Proper, Journal
	    Proper, Ledger
	*Bank Reconciliation Statement
	*Depreciation, Provision and Reserve
	*Trial Balance and Rectification of Errors
	
	Part B
	Financial statements of Sole proprietorship
	Incomplete Records
	Project Work
	Note : Full syllabus as per CBSE

Business Studies	Unit 1: Evolution and Fundamentals of Business Unit 2: Forms of Business organizations Unit 3: Public, Private and Multinational Company Unit 4: Business Services Unit 5: Emerging Modes of Business Unit-6 Social responsibility of business and business ethics Unit-7- Sources of business finance Unit 8 Small Business and enterprises Unit-9 Internal trade Unit-10-International trade
Biology	**UNIT I** Diversity in Living organism **UNIT III** Cell structure and function **UNIT IV** Plant physiology **UNIT V** Human physiology
Physics	1. world and Measurement 2. Kinematics 3. Physical Laws of Motion 4. Work, Energy and Power 5. Motion of System of Particles and Rigid Body 6. Gravitation 7. Properties of Bulk Matter 8. Thermodynamics

	9. **Behavior of Perfect Gases and Kinetic Theory of Gases** 10. **Oscillations and Waves**
Chemistry	1. Some Basic Concepts of Chemistry 2. Structure of Atom 3. Classification of Elements and Periodicity in Properties 4. Chemical Bonding and Molecular Structure 5. Chemical Thermodynamics 6. Equilibrium 7. Redox Reactions 8. Organic Chemistry: Some basic Principles and Techniques 9. Hydrocarbons
Commercial Arts	Art-Introduction, Fundamental of Art- • Six limbs of art • Elements of art • Principle of art • Pre-Historic rock paintings and art of Indus / Sindhu Saraswati Civilization (Indus valley Civilization) Buddhist, Jain and Hindu Art • Temple Sculptures, Bronzes and Artistic aspects of Indo-Islamic architecture
Pol. Sci.	**Part -A** Ch. 1 Constitution: Why and How? Ch.2 Rights in the Indian Constitution Ch.3 Election and Representation Ch. 4 Executive Ch. 5 Legislature Ch. 6 Judiciary Ch. 7 Federalism Ch. 8 Local Governments Ch. 9 Constitution as a Living Document Ch. 10 The Philosophy of the Constitution **Part – B** Ch. 1 Political Theory: An Introduction Ch. 2 Freedom Ch. 3 Equality Ch. 4 Social Justice Ch. 5 Rights Ch. 6 Citizenship Ch. 7 Nationalism Ch. 8 Secularism
Psychology	Ch-1 Understanding Psychology Ch-2 Methods of enquiry in Psychology Ch-3 Human Development Ch-4 Sensory, Attentional and Perceptual Ch-5 Learning Ch-6 Human Memory Ch-7 Thinking Ch-8 Motivation and Emotion
Physical Education	Unit- 1 Changing trends and careers in physical education. Unit-2 Olympism value education Unit-3 Yoga Unit-4 Physical education and sports for cwsn Unit-5 Physical fitness ,wellness and lifestyle Unit-6 Test, measurement and evaluation Unit-7 Fundamentals of anatomy, physiology in sports Unit-8 Fundamentals kinesiology and biomechanics in sports Unit-9 Psychology and sports Unit-10 Training and doping in sports