

**ARMY PUBLIC SCHOOL,BATHINDA CANTT****SESSION: 2024-25****SYLLABUS FOR ASSESSMENT TEST**

| CLASS : IX |   |
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| ENGLISH    | Reading : Comprehension Passage(Discursive and Factual)<br>Writing:<br>Ch 25 – Report Writing<br>Ch 26 – Letter Writing<br>Ch 27 – Speech Writing<br>Ch 29 – Diary Entry<br>Grammar: Ch-6 :Pronouns<br>Ch 10 - Modals<br>Ch 11 - Conditionals<br>Ch 12 – Phrases and Clauses<br>Ch 13 – Simple, Complex and Compound Sentences<br>Ch 14 – Active and Passive Voice<br>Ch 15 - Prepositions<br>Ch 16 - Reported Speech<br>Ch 17 – Common Literary Terms<br>Ch 18 – Conjunctions<br>Ch 19 – Idioms and Proverbs |
| SCIENCE    | CH-1Force and pressure<br>CH-2.Friction<br>CH-3.Sound<br>CH-4.Chemical effects of current<br>CH-5.Some natural phenomenon<br>CH-6.Light<br>CH-7.Combustion and flame<br>CH-8. Reproduction in animals   |
| HINDI      | व्याकरण भाग- उपसर्ग , प्रत्यय समास( तत्पुरुष समास, द्विगु समास ,द्वंद्व समास), विलोम, अर्थ के आधार पर वाक्य के भेद, वाक्यांश के लिए एक शब्द, काल, कारक, क्रिया, विशेषण, पर्यायवाची , रचनात्मक लेखन- संवाद लेखन , अनुच्छेद संख्या , पत्र लेखन- अनौपचारिक पत्र ,औपचारिक पत्र , विज्ञापन लेखन, सूचना लेखन , अपठित गद्यांश  |
| MATHS      | Ch 2: Linear Equations In One Variable<br>Ch 3: Understanding Quadrilaterals<br>Ch 8: Algebraic Expressions And Identities<br>Ch 9 Mensuration<br>Ch 10 Exponents And Powers<br>Ch 11 Direct And Inverse Proportion<br>Ch 12 Factorisation<br>Ch 13 Introduction To Graphs  |

| CLASS X |   |
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| ENGLISH | <p><u>1. READING:</u><br/>Unseen comprehension</p> <p><u>2 WRITING SKILLS</u><br/>A. Descriptive Paragraph<br/>B. Short Story Writing<br/>C. Diary Entry</p> <p><u>3. GRAMMAR</u><br/>Tenses , Modals ,Subject – verb concord, Reported speech, Commands and requests, Statements, Questions, Determiners</p>   |
| MATHS   | <p>1 Number system<br/>2 Polynomials<br/>4 Linear equation in two variables<br/>3 Coordinate geometry<br/>5 Introduction to Euclid's Geometry<br/>6 Lines and angles<br/>7 Triangles<br/>8 Quadrilaterals<br/>10 Circles<br/>12 Heron's formula<br/>13 Areas and volumes<br/>14 Statistics</p>  |
| HINDI   | <p>व्याकरण : शब्द और पद , अनुस्वार ,अनुनासिक , उपसर्ग – प्रत्यय , स्वर संधि , विराम चिन्ह ,वाक्य (अर्थ के आधार पर)<br/>लेखन भाग – पत्र (अनौपचारिक ) , अनुच्छेद लेखन , संवाद लेखन , चित्र वर्णन, अपठित गद्यांश</p>   |
| SCIENCE | <p>Ch-1, Matter in our surroundings<br/>Ch-2, Is matter around us pure?<br/>Ch-3, Atoms and molecules<br/>Ch-4, Structure of atom<br/>Ch-5, The fundamental unit of life<br/>Ch-6, Tissue<br/>Ch-7, Motion<br/>Ch-8, Force and laws of motion<br/>Ch-9, Gravitation<br/>Ch-10, Work and Energetic<br/>Ch-11, Sound<br/>Ch-12, Improvement in food resources</p> |

| <b>CLASS XII</b> |   |
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| <b>ENGLISH</b>   | <p>1. READING</p> <p>1.1. Comprehension Passages.<br/>1.2. Note Making &amp; Summarizing.</p> <p>2. WRITING SKILLS</p> <p>2.1. SHORT COMPOSITIONS- Advertisements and Poster Making<br/>2.2. LONG COMPOSITION – Speech Writing and Debate</p> <p>3.INTEGRATED GRAMMAR</p>   |
| <b>CHEMISTRY</b> | <p>1. Some Basic Concepts of Chemistry<br/>2.Structure of Atom<br/>3.Classification of Elements and Periodicity in Properties<br/>4.Chemical Bonding and Molecular Structure<br/>5.Chemical Thermodynamics<br/>6.Equilibrium<br/>7.Redox Reactions<br/>8.Organic Chemistry: Some basic Principles and Techniques<br/>9.Hydrocarbons</p>   |
| <b>PHYSICS</b>   | <p>Unit No.            Unit Name</p> <p>Unit 1 Physical world and measurement<br/>                 Chapter-2: Unit and Measurements</p> <p>Unit 2 Kinematics<br/>                 Chapter-3: Motion in a straight line<br/>                 Chapter-4: Motion in a plane</p> <p>Unit 3 Laws of Motion<br/>                 Chapter-5: Laws of Motion</p> <p>Unit 4 Work, Energy and Power<br/>                 Chapter-6: Work, Energy and Power</p> <p>Unit 5 Motion of system of particles and rigid body<br/>                 Chapter-7: Motion of system of particles and Rotational Motion</p> <p>Unit 6 Gravitation<br/>                 Chapter-8: Gravitation</p> <p>Unit 7 Properties of Bulk Matter<br/>                 Chapter-9: Mechanical Properties of Solids<br/>                 Chapter-10: Mechanical Properties of Fluids<br/>                 Chapter-11: Thermal Properties of Matter</p> <p>Unit 8 Thermodynamics<br/>                 Chapter-12: Thermodynamics</p> <p>Unit 9 Behaviour of Perfect Gases and Kinetic Theory of Gases<br/>                 Chapter-13: Kinetic Theory</p> <p>Unit 10 Oscillations and Waves<br/>                 Chapter-14: Oscillations<br/>                 Chapter-15: Waves</p> |
| <b>BIOLOGY</b>   | <p>Diversity of Living Organisms , Structural Organisation in Plants and Animals , Cell Structure and Function , Plant Physiology , Human Physiology</p>  |

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| MATHS                   | Sets and Functions<br>Ch-1. Sets<br>Ch-2. Relations and Functions<br>Ch-3. Trigonometric Functions   |
|                         | Algebra<br>Ch-4. Complex Numbers and Quadratic Equations<br>Ch-5. Linear Inequalities<br>Ch-6. Permutations and Combinations<br>Ch-7 Binomial Theorem<br>Ch-8. Sequence and Series   |
|                         | Coordinate Geometry<br>Ch-9. Straight Lines<br>Ch-10. Conic Sections<br>Ch-11. Introduction To Three Dimensional Geometry  |
|                         | Calculus<br>Ch-12. Limits and Derivatives  |
|                         | Statistics and Probability<br>Ch-13. Statistics<br>Ch-14. Probability  |
| <u>BUSINESS STUDIES</u> | Chapter 1- Evolution and Fundamental of business<br>Chapter 2- Form of business organisation<br>Chapter 3- Public, Private and Multinational Company<br>Chapter 4- Business Services<br>Chapter 5- Emerging modes of Business<br>Chapter 6- Social responsibility of business and business ethics<br>Chapter 7- Sources of business finance<br>Chapter 8- Small Business and Enterprises<br>Chapter 9- Internal Trade<br>Chapter 10- International Trade |
| ECONOMICS               | Part- A Statistics for Economics<br>Unit 1 - Introduction<br>Unit-2 Collection, organization and Presentation of Data<br>Unit-3 Statistical tools and interpretation<br>Part-B Introductory Microeconomic<br>Unit-4 Introduction ,<br>Unit-5 Consumer's Equilibrium and demand<br>Unit-6 Producer behaviour and supply<br>Unit-7 Forms of market and Price determination under Perfect competition   |
| ACCOUNTANCY             | 1) Introduction to accounting<br>2) Theory base of accounting<br>3) Recording of business transactions<br>4) Bank Reconciliation Statement<br>5) Depreciation, Provision and Reserve<br>6) Trial Balance and Rectification of errors<br>7) Financial statements of sole proprietorship<br>Incomplete records    Practical work   |

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| <b>GEOGRAPHY</b>         | <p>Part: 1</p> <ol style="list-style-type: none"><li>1. Geography as a discipline</li><li>2. The origin and Evolution of the Earth</li><li>3. Interior of the Earth</li><li>4. Distribution of oceans and continents</li><li>5. Geomorphic processes</li><li>6. Landforms and their evolution</li><li>7. Composition and structure of atmosphere</li><li>8. Solar Radiation, heat balance and temperature</li><li>9. Atmospheric circulation and weather systems</li><li>10. Water in atmosphere</li><li>11. Water</li><li>12. Movement of ocean water</li></ol> <p>Part: 2</p> <ol style="list-style-type: none"><li>1. India-Location</li><li>2. Structure and Physiography</li><li>3. Drainage system</li><li>4. Climate</li><li>5. Natural Vegetation</li></ol>  |
| <b>POLITICAL SCIENCE</b> | <p><b>Chapter No. Chapter Name</b></p> <p><b>PART A- INDIAN CONSTITUTION AT WORK</b></p> <ol style="list-style-type: none"><li><b>1 Constitution: Why and How?</b></li><li><b>2 Rights in the Indian Constitution</b></li><li><b>3 Election and Representation</b></li><li><b>4 Executive</b></li><li><b>5 Legislature</b></li><li><b>6 Judiciary</b></li><li><b>7 Federalism</b></li><li><b>8 Local Governments</b></li><li><b>9 Constitution as a Living Document</b></li><li><b>10 The Philosophy of the Constitution</b></li></ol> <p><b>PART B-POLITICAL THEORY</b></p> <ol style="list-style-type: none"><li><b>1 Political Theory: An Introduction</b></li><li><b>2 Freedom</b></li><li><b>3 Equality</b></li><li><b>4 Social Justice</b></li><li><b>5 Rights</b></li><li><b>6 Citizenship</b></li><li><b>7 Nationalism</b></li><li><b>8 Secularism</b></li></ol> |
| <b>HISTORY</b>           | <p><b>Ch-1- Writing and the city Life</b></p> <p><b>Ch-2 An Empire Across the Three Continents</b></p> <p><b>Ch- 3- Nomadic Empires</b></p> <p><b>Ch-4- The There Orders</b></p> <p><b>Ch- 5- Changing cultural Traditions</b></p> <p><b>Ch- 6- Displacing Indigenous peoples</b></p> <p><b>Ch-7- Paths of Modernisation</b></p> <p><b>Regards</b></p>   |

