



SOUTH POINT HIGH SCHOOL

An ISO 45001:2018 Certified Institution

Affiliated to Central Board of Secondary Education

SYLLABUS FOR HALF-YEARLY EXAMINATION (2025-2026)

CLASS XI

ENGLISH	PHYSICS	HISTORY
<p><u>Unseen Comprehension</u> (2 passages will be set)</p> <p><u>Note Making</u></p> <p><u>Grammar</u></p> <ol style="list-style-type: none"> 1. Tenses 2. Clauses 3. Transformation of sentences 4. Reordering of sentences <p><u>Writing skill</u></p> <ol style="list-style-type: none"> 1. Classified advertisement 2. Poster 3. Speech 4. Debate <p><u>Literature</u></p> <p>Hornbill</p> <ol style="list-style-type: none"> 1. The Portrait of a Lady 2. A Photograph 3. We're Not Afraid to Die 4. The Laburnum Top 5. Discovering Tut 6. The Voice of the Rain <p><u>Snapshots</u></p> <ol style="list-style-type: none"> 1. The Summer of the Beautiful White Horse 2. The Address 3. Mother's Day 	<ol style="list-style-type: none"> 1. Mechanics: Kinematics (full), Dynamics (Newtons's laws and applications, Upto friction and banking of roads) 2. General Properties of matter: Units, measurement and dimensions (full), Thermodynamics (systems, thermal equilibrium, zeroth law, temperature, expansion, indicator diagrams, 1st law, work done in isothermal process) 	<p>Section I – Early Societies</p> <ul style="list-style-type: none"> • Introduction & Timeline I • Theme one : Writing and City Life <p>Section II – Empires</p> <ul style="list-style-type: none"> • Introduction & Timeline II • Theme Two : An Empire Across Three Continents • Theme Three : Nomadic Empires <p>Section III – Changing Traditions</p> <ul style="list-style-type: none"> • Introduction & Timeline III • Theme Four : The Three Orders (Map Work on the related Themes included) <p>(Prescribed Textbook - Themes in World History:Published by NCERT)</p> <p>Note: Please procure the latest reprinted edition of the prescribed NCERT textbooks.</p>
	CHEMISTRY	GEOGRAPHY
	<ol style="list-style-type: none"> 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 (upto the end of Unit 5.3, Measurement of ΔU and ΔH: Calorimetry) 6. Organic Chemistry: Some basic Principles and Techniques (upto the end of 8.5.4, Nomenclature of Substituted Benzene Compounds) 	<p><u>FUNDAMENTALS OF PHYSICAL GEOGRAPHY</u></p> <ol style="list-style-type: none"> 1. Chapter 1- Geography as a Discipline 2. Chapter 2 -The Origin and Evolution of the Earth 3. Chapter 3- Interior of the Earth 4. Chapter 4 - Distribution of Oceans and Continents 5. Chapter 7- Composition and Structure of Atmosphere 6. Chapter 8 - Solar Radiation, Heat Balance and Temperature 7. Chapter 9 - Atmospheric Circulations and Weather Systems <p><u>INDIA-PHYSICAL ENVIRONMENT</u></p> <ol style="list-style-type: none"> 1. Chapter 1 India- Location 2. Chapter 2 Structure and Physiography 3. Chapter 3 Drainage System
MATHEMATICS	BIOLOGY	
<ol style="list-style-type: none"> 1. Set 2. Relations 3. Inequations 4. Measurement of angles and Associated angles 5. Compound angles and Transformation formula 6. Multiple and Submultiple angles 7. Trigonometric Equations 8. Progression 9. Permutation and Combination 10. Functions and Graphs and Mapping 	<ol style="list-style-type: none"> 1. THE LIVING WORLD 2. BIOLOGICAL CLASSIFICATION 3. PLANT KINGDOM 4. ANIMAL KINGDOM 5. MORPHOLOGY OF FLOWERING PLANTS 6. ANATOMY OF FLOWERING PLANTS 7. STRUCTURAL ORGANISATION IN ANIMALS (ONLY FROG) 8. CELL: THE UNIT OF LIFE 9. CELL CYCLE AND CELL DIVISION 	



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GEOGRAPHY (Contd....)	POLITICAL SCIENCE	COMMERCE
<p><u>Map Items for locating and labelling on the outline political map of the World - > Chapter 4-Distribution of Oceans and Continents:</u></p> <ul style="list-style-type: none"> • Political Map with all the Continents of the world. • Major Oceans of the world: Indian Ocean, Pacific Ocean, Atlantic Ocean, Arctic Ocean, Southern Ocean • Major lithospheric plates and Minor lithospheric plates, Pacific Ring of Fire, Mid-Atlantic Ridge. <p><u>> Chapter 9 Atmospheric Circulations and Weather Systems: Major Hot Deserts of the world:</u></p> <ul style="list-style-type: none"> • Mojave Desert- Nevada, USA • Patagonian Desert- Argentina • Sahara Desert- Africa • Gobi Desert- Mongolia, Asia • Thar Desert- India • Great Victoria Desert- Australia. <p><u>Map Items for locating and labelling on the outline political map of India –</u></p> <p><u>> Chapter 1-India- Location:</u></p> <ul style="list-style-type: none"> • Latitudinal extent of India, Longitudinal extent of India, Standard Meridian of India, Important latitude passing through India (Tropic of Cancer), Southernmost Point of the mainland of India (Kanya Kumari). <p><u>> Chapter 2-Structure and Physiography :</u></p> <ul style="list-style-type: none"> • Mountains: Karakoram Range, Garo- Khasi- Jaintia hills, Aravalli Range, Vindhya Range, Satpura Range, Western Ghats & Eastern Ghats • Peaks: K2, Kanchenjunga, Nandadevi, Nanga Parvat, Namcha Barwa, and Anaimudi • Passes: Shipkila, Nathula, Palghat, Bhorghat, and Thalghat • Plateaus: Malwa, Chhotanagpur, Meghalaya, and Deccan Plateau. • Coastal Plains: Saurashtra, Konkan, North and South Kanara, Malabar, Coromandel, and Northern Circars • Islands: Andaman & Nicobar Islands and Lakshadweep Islands. <p><u>> Chapter 3- Drainage System : •Rivers: Brahmaputra, Indus, Satluj, Ganga, Yamuna, Chambal, Damodar, Mahanadi, Krishna, Kaveri, Godavari, Narmada, Tapi, and Luni • Lakes: (Identification) Wular, Sambhar, Chilika, Kolleru, Pulicat & Vembanad • Straits, Bays, Gulfs: Palk Strait, Rann of Kachch, Gulf of Kachch, Gulf of Mannar & Gulf of Khambat.</u></p> <p><u>Note: Kindly refer to the latest reprinted editions of both NCERT Textbooks.</u></p>	<p><u>Introduction to Political Theory</u></p> <ul style="list-style-type: none"> • Chapter 1- Introduction to Political Theory • Chapter 2- Freedom • Chapter 3 –Equality • Chapter 4- Social Justice • Chapter 5- Rights <p><u>Indian Constitution at Work</u></p> <ul style="list-style-type: none"> • Chapter 1- Constitution- Why and How? • Chapter 2- Rights in the Indian Constitution • Chapter 3- Election and Representation • Chapter 4- Executive • Chapter 5- Legislature <p>Picture based questions will be set from – Indian Constitution at Work.</p>	<p>Accountancy</p> <ol style="list-style-type: none"> 1. Introduction Theory – Full 2. Journal, Ledger & Trial Balance 3. Accounting equation 4. Bases of Accounting 5. Special purpose Journals: <ol style="list-style-type: none"> a) Cash Books b) Day Books 6. Bank Reconciliation Statement 7. Reserves & Provisions (Theory) <p>Business Studies</p> <p>NCERT book - Chapters: 1, 2, 3, 4 & 7</p> <p>Entrepreneurship</p> <p>CBSE book - chapters: 1, 2, 3, 4 & 5</p>
	LEGAL STUDIES	PSYCHOLOGY
	<ol style="list-style-type: none"> 1. Unit 1- Introduction to Political Institutions <ul style="list-style-type: none"> • Chapter 1- Concept of State • Chapter 2- Forms and organs of Government • Chapter 3 Separation of Powers Unit 2- Basic Features of the constitution of India <ul style="list-style-type: none"> • Chapter 1- Salient Features of the Indian Constitution • Chapter 2- Administrative Law Unit 3- Jurisprudence, nature and sources of Law <ul style="list-style-type: none"> • Chapter 1- Jurisprudence, Nature and Meaning of Law • Chapter 2- Classification of Law • Chapter 3- Sources of Law Unit 4-Judiciary: Constitutional, Civil and Criminal Courts and Processes 	<ol style="list-style-type: none"> 1. What is Psychology 2. Methods of Enquiry in Psychology 3. Human Development 4. Sensory Processes and Attention.
	ECONOMICS	SOCIOLOGY
	<p><u>Statistics for Economics:</u></p> <p><u>> Introduction > Collection of Data > Organisation of Data > Presentation of Data > Measures of Central Tendency: Arithmetic Mean</u></p> <p><u>Introductory Microeconomics:</u></p> <p><u>> Introduction > Consumer's Equilibrium and Demand > Price Elasticity of demand > Producer's behaviour • Short run production function • Total product, average product, marginal product and their relationships • Returns to factor/ Law of variable proportion, stages of production</u></p>	<ol style="list-style-type: none"> 1. CHAPTER 1: SOCIOLOGY AND SOCIETY 2. CHAPTER 2: TERMS, CONCEPTS AND THEIR USE IN SOCIOLOGY 3. CHAPTER 3: UNDERSTANDING SOCIAL INSTITUTIONS 4. CHAPTER 4: CULTURE AND SOCIALISATION
		BENGALI
		<ol style="list-style-type: none"> 1. অপঠিত গদ্যাংশ থেকে বোধপরীক্ষণ 2. গদ্য - <ul style="list-style-type: none"> • 'পুঁই মাচা' • 'তেলেনাপোতা আবিষ্কার' 3. নাটক - <ul style="list-style-type: none"> • 'আগুন' [প্রথম থেকে তৃতীয় দৃশ্য] 4. কবিতা - <ul style="list-style-type: none"> • 'নুন' • 'লালন শাহ ফকিরের গান' 5. 'পঞ্চতন্ত্র' <ul style="list-style-type: none"> • 'বই কেনা' • 'আজব শহর কলকাতা' 6. ব্যাকরণ <ul style="list-style-type: none"> • বাচ্য পরিবর্তন উক্তি পরিবর্তন 7. নির্মিত <ul style="list-style-type: none"> • সারাংশ • সংলাপ রচনা



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COMPUTER SCIENCE

Unit 1: Computer Systems and Organization:

1. Basic computer Organization: Introduction to Computer System, hardware, software, input device, output device, CPU, memory (primary, cache and secondary), units of memory (bit, byte, KB, MB, GB, TB, PB)
2. Types of software: System software (Operating systems, system utilities, device drivers), programming tools and language translators (assembler, compiler, and interpreter), application software
3. Operating System (OS): functions of the operating system, OS user interface
4. Number System: Binary, Octal, Decimal and Hexadecimal number system; conversion between number systems

Unit 2: Computational Thinking and Programming - I

1. Introduction to Problem-solving: Steps for problem-solving, representation of algorithms using flowchart and pseudocode, decomposition.
2. Familiarization with the basics of Python programming: Introduction to Python, Features of Python, executing a simple "hello world" program, execution modes: interactive mode and script mode, Python character set, Python tokens (keyword, identifier, literal, operator, punctuator), variables, concept of l-value and r-value, use of comments.
3. Knowledge of data types: Number (integer, floating point, complex), boolean, sequence (string, list, tuple), None, Mapping(dictionary), mutable and immutable data types
4. Operators: arithmetic operators, relational operators, logical operators, assignment operators, augmented assignment operators, identity operators (is, is not), membership operators (in, not in)
5. Expressions, statement, type conversion, and input/output: precedence of operators, expression, evaluation of an expression, type-conversion, accepting data as input from the console and displaying output
6. Flow of Control: introduction, use of indentation, sequential flow, conditional and iterative flow
7. Conditional statements: if, if-else, if-elif-else, flowcharts, simple programs: e.g. absolute value, sort 3 numbers and divisibility of a number.
8. Iterative Statement: for loop, range(), while loop, flowcharts, break and continue statements, nested loops, suggested programs: generating pattern, summation of series, finding the factorial of a positive number, etc.