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**Bhavan's**

**S. RAMAKRISHNAN MEMORIAL PUBLIC SCHOOL**

**AKAMALA**



**SYLLABUS BOOK**

**2025-26**

**CLASS XII**

**SUBJECT: - ENGLISH****CLASS – XII**

**TEXT BOOKS : FLAMINGO (TEXT BOOK),  
VISTAS (SUPPLEMENTARY READER) –NCERT**

<b>EXAM/MONTH</b>	<b>TOPIC</b>	<b>LEARNING OUTCOME</b>
<b>PERIODIC ASSESSMENT I</b>  <b><u>SYLLABUS OF PERIODIC ASSESSMENT – I</u></b>  <b>FLAMINGO :</b> <b>PROSE 1 –THE LAST LESSON</b> <b>PROSE 2 – LOST SPRING</b> <b>PROSE 3 –DEEP WATER</b> <b>POETRY 1 – MY MOTHER AT SIXTY-SIX</b> <b>POETRY- 2- KEEPING QUIET</b>  <b>VISTAS :</b> <b>1. THE THIRD LEVEL</b> <b>2. THE TIGER KING</b>  <b>WRITING :</b> <b>NOTICE WRITING</b>  <b>LETTER WRITING(Letter to the Editor &amp; Letter of Job Application)</b>  <b>ARTICLE WRITING</b>	<b>FLAMINGO:</b> <b>1. THE LAST LESSON</b>  <b>2.LOST SPRING</b>  <b>3. DEEP WATER</b>  <b>POETRY .1.MY MOTHER AT SIXTY SIX</b>  <b>POETRY. 2. KEEPING QUIET</b>  <b>VISTAS</b> <b>1. THE THIRD LEVEL</b>  <b>2. THE TIGER KING</b>	<p>Writes descriptions showing sensitivity to environment.</p> <p>Explains the harsh realities in the life of children who have undergone child labour</p> <p>Describes the challenges faced in their life and the way how they managed to overcome it.</p> <p>Writes a coherent and meaningful paragraph through the process of revising, editing and finalizing</p> <p>Narrates a story or real life experiences in fluent English.</p> <p>Responds to a variety of questions on familiar and unfamiliar texts, verbally and in writing in order to demonstrate comprehension skills</p> <p>Participates in activities in English like in individual talk viz. introducing oneself and other persons; role play, group discussion, debate,</p>

		storytelling, etc. in order to demonstrate fluency in language.
<p><b>PERIODIC ASSESSMENT -II</b></p> <p><b><u>SYLLABUS OF PERIODIC ASSESSMENT II</u></b></p> <p><b>PORTIONS OF PERIODIC ASSESSMENT I +</b></p> <p><b>FLAMINGO :</b>  <b>PROSE 4 – THE RATRAP</b>  <b>PROSE 5 – INDIGO</b>  <b>POETRY 3 – A THING OF BEAUTY</b></p> <p><b>VISTAS :</b>  <b>3. JOURNEY TO THE END OF THE EARTH</b>  <b>4. THE ENEMY</b></p> <p><b>WRITING :</b>  <b>INVITATION WRITING &amp;</b>  <b>REPORT WRITING</b></p>	<p><b>FLAMINGO:</b></p> <p>4. THE RATRAP</p> <p>5. INDIGO</p> <p>POETRY. 3. A THING OF BEAUTY</p> <p><b>VISTAS</b></p> <p>3. JOURNEY TO THE END OF THE EARTH</p> <p>4. THE ENEMY</p>	<p>Speaks about excerpts, news or audio –video programs. Reads literature from different parts of the world , gives opinion on the characters, events, traditions and cultural norms of societies</p> <p>Participates in the discussion and speaks about situations, skit, news etc.</p> <p>Develops the creativity/ imagination.</p> <p>Uses meaningful phrases and words to write English poems or songs. Understands that beauty lies in everything.</p> <p>Compare and contrast characters/ events/ ideas/ opinions and relate them to life and tries to give opinions about issues by thinking critically.</p> <p>Participates in activities in English like in individual talk viz. introducing oneself and other persons; role play, group discussion, debate, make a speech, reproduce speeches of great speakers, storytelling, etc. in order to demonstrate fluency in language</p>

<p><b>PERIODIC ASSESSMENT III</b></p> <p><b><u>SYLLABUS OF PERIODIC ASSESSMENT – III</u></b></p> <p><b>PORTIONS OF PERIODIC ASSESSMENT II +</b></p> <p><b>FLAMINGO :</b>  <b>PROSE 6 – POETS AND PANCAKES</b></p> <p><b>PROSE 7 – THE INTERVIEW  PART I &amp; II</b></p> <p><b>PROSE 8 – GOING PLACES</b></p> <p><b>POETRY 4 – A ROADSIDE STAND</b></p> <p><b>POETRY 5 – AUNT JENNIFER’S  TIGERS</b></p> <p><b>VISTAS :</b>  <b>5. ON THE FACE OF IT</b></p> <p><b>6. MEMORIES OF CHILDHOOD</b></p> <ul style="list-style-type: none"> <li>• THE CUTTING OF MY LONG HAIR</li> <li>• WE TOO ARE HUMAN BEINGS</li> </ul>	<p><b>FLAMINGO:</b></p> <p>6. – POETS AND PANCAKES</p> <p>7. THE INTERVIEW PART I &amp; II</p> <p>8. GOING PLACES</p> <p>POETRY 4. A ROAD SIDE STAND</p> <p>POETRY 5. AUNT JENNIFER’S  TIGERS</p> <p><b>VISTAS</b>  5. ON THE FACE OF IT</p> <p>6. MEMORIES OF CHILDHOOD</p> <ul style="list-style-type: none"> <li>• THE CUTTING OF MY LONG HAIR</li> <li>• WE TOO ARE HUMAN BEINGS</li> </ul>	<p>Identifies details, main idea and sequence of ideas and views.</p> <p>Asks questions in different contexts and situations</p> <p>Engages in the conversations, announcement etc. in English with people from different professions</p> <p>Participates in the discussion and points out or relates the view point with real life situation.</p> <p>Participates in the activities organized by school or other such organisations.</p> <p>Write short paragraphs coherently with proper beginning, middle and end with appropriate language.</p> <p>Responds to a variety of questions on familiar and unfamiliar texts, verbally and in writing in order to demonstrate comprehension skills</p>
<p><b>MODEL EXAMINATIONS&amp;  REVISION</b></p> <p><b><u>SYLLABUS</u></b></p> <p><b>MODEL EXAMINATION – I –  (100% SYLLABUS)</b></p> <p><b>MODEL EXAMINATION – II –  (100% SYLLABUS)</b></p>		



**SUBJECT: -PHYSICS**

**TEXTBOOK: NCERT -PHYSICS TEXTBOOK FOR CLASS XII**

<b>EXAM/MONTH</b>	<b>TOPIC</b>	<b>LEARNING OUTCOME</b>
<b>PERIODIC ASSESSMENT -I</b>          <b>SYLLABUS OF PERIODIC ASSESSMENT-I CHAPTERS -1,2,3</b>	1.ELECTRIC CHARGES AND FIELDS  2.ELECTRIC POTENTIAL AND CAPACITANCE  3.CURRENT ELECTRICITY  4.MOVING CHARGES AND MAGNETISM	Students will be able to  Explain the properties of electric fields Draw and calculate electric flux  Describes electric potential and explain the concept of electric potential difference and capacitance. Calculate electric potential  Defines OHM'S LAW Analyse and solve problems involving electric circuits:  Explain the properties of magnetic fields, Apply Biot-Savart law to straight wire, solenoid. Solves numerical based on force on current carrying conductors.





**SUBJECT: - SCIENCE****TEXTBOOK: NCERT – CHEMISTRY****TEXTBOOK FOR CLASS XII**

<b>EXAM/MONTH</b>	<b>CHAPTERS/TOPIC</b>	<b>LEARNING OUTCOME</b>
<b>PERIODIC ASSESSMENT -I</b>  <b><u>SYLLABUS OF PERIODIC ASSESSMENT -I</u></b> CHAPTERS – 1,2,6	1.SOLUTION	Students will be able to <ul style="list-style-type: none"><li>• Describe the formation of different types of solutions</li><li>• Express concentration of solution in different units</li><li>• State and explain Henry’s law and Raoult’s law</li><li>• Differentiate between ideal and non ideal solutions</li><li>• Explain the deviations of real solutions from Raoult’s law</li><li>• Describe the colligative properties of solutions</li><li>• Explain abnormal colligative properties and correlate these to association or dissociation of the specific entity</li></ul>
	2.ELECTROCHEMISTRY	The student will be able to: <ul style="list-style-type: none"><li>• describe an electrochemical cell and differentiate between galvanic and electrolytic cells</li><li>• apply Nernst equation for calculating the emf of galvanic cell and define standard potential of the cell</li><li>• derive relation between standard potential of the cell, Gibbs energy of cell reaction.</li></ul>
	6.HALOALKANES AND HALOARENES	The student will be able to: <ul style="list-style-type: none"><li>• name haloalkanes and haloarenes according to the IUPAC system of nomenclature from their given structures</li><li>• describe the reactions involved in the preparation of haloalkanes and haloarenes and understand various reactions that they undergo</li><li>• correlate the structures of haloalkanes and haloarenes with various types of reactions</li><li>• use stereochemistry as a tool for understanding the reaction mechanism</li><li>• highlight the uses and environmental effects of polyhalogen compounds.</li></ul>

<p>PERIODIC ASSESSMENT -II</p> <p><b><u>SYLLABUS OF PERIODIC ASSESSMENT -II</u></b> CHAPTERS – 1,2,6,7,3,8</p>	<p>7.ALCOHOLS, PHENOLS AND ETHERS.</p>	<p>Student will be able to:</p> <ul style="list-style-type: none"> <li>• Correlate physical properties of alcohols, phenols and ethers with their structures to investigate the products.</li> <li>• Name Alcohol, phenol and ethers according to the IUPAC system of nomenclature from their given structures</li> <li>• describe the reactions involved in the preparation of alcohols phenol and ether</li> </ul>
	<p>3.CHEMICAL KINETICS</p>	<p>Students will be able</p> <ul style="list-style-type: none"> <li>• describe an average and instantaneous rate of a reaction.</li> <li>• apply the rate law to calculate the order of a reaction.</li> <li>• derive integrated rate equations for zero, first order reactions.</li> <li>• Analyse the collision theory and explain the effect of temperature satisfactorily for most of the reaction.</li> </ul>
	<p>8.ALDEHYDES, KETONES AND CARBOXYLIC ACIDS</p>	<p>Student will be able to:</p> <ul style="list-style-type: none"> <li>• Describe the uses of aldehydes, ketones and carboxylic acids.</li> <li>• Determine various factors affecting the acidity of carboxylic acids and their reactions.</li> </ul>
<p>PERIODIC ASSESSMENT -III</p> <p><b><u>SYLLABUS OF PERIODIC ASSESSMENT -III</u></b> CHAPTERS - 1,2,6,7,3,8,4,9,5</p>	<p>9.AMINES</p>	<p>Student will be able to:</p> <ul style="list-style-type: none"> <li>• Describe the method of preparation of diazonium salts and their importance in the synthesis of a series of aromatic compounds including azo dyes.</li> <li>• Explain the properties of amines.</li> <li>• Describe some of the important methods of preparation of amines</li> </ul>
	<p>4.d AND f BLOCK ELEMENTS</p>	<p>The students will able to</p> <ul style="list-style-type: none"> <li>• Know the electronic configuration of d-block elements and its effect on colour and magnetic properties.</li> <li>• Catalytic properties of d-block elements its industrial applications.</li> <li>• Recognise the difference between d-block elements and f-block elements, lanthanide contraction and its consequences, colour properties, lanthanides separation.</li> </ul>

	5.COORDINATION COMPOUNDS	<p>Student will be able to</p> <ul style="list-style-type: none"> <li>• write structure and IUPAC names of coordination compounds and they can explain about all terms used in coordination chemistry for in depth study of complexes</li> <li>• identify various coordination compounds and can predict some of their properties after carrying out complete analysis of the composition, bonding, structure, geometry and related features of the compounds.</li> <li>• apply VBT and CFT to explain the bonding and related features in coordination entities.</li> <li>• describe the structural features of the organometallic compounds and their application in biological, medicinal, industrial and agricultural fields.</li> </ul>
ANNUAL EXAM	10.BIOMOLECULES.	<p>Student will be able to:</p> <ul style="list-style-type: none"> <li>• Describe the role of biomolecules in biosystem.</li> <li>• Classify carbohydrates, proteins, nucleic acids and vitamins on the basis of their structures.</li> </ul>
<p><b><u>SYLLABUS OF ANNUAL EXAM</u></b> CHAPTERS -1-10</p>		

**SUBJECT :- BIOLOGY**

**TEXTBOOK: NCERT - BIOLOGY TEXTBOOK FOR CLASS XII**

<b>EXAM/MONTH</b>	<b>CHAPTERS/TOPIC</b>	<b>LEARNING OUTCOME</b>
<b>PERIODIC ASSESSMENT -I</b>  <b><u>SYLLABUS OF PERIODIC ASSESSMENT -I</u></b>  Chapters 1to 3	1) SEXUAL REPRODUCTION IN FLOWERING PLANTS Flower , Pre-fertilisation, Double Fertilisation , Post-fertilisation, Apomixis and Polyembryony	Explores the structure and function of the living world
	2) HUMAN REPRODUCTION Male & Female Reproductive Systems , Gametogenesis, Menstrual Cycle, Fertilisation and Implantation, Pregnancy and Embryonic Development, Parturition and Lactation	Explores the structure and function of the living world
	3) REPRODUCTIVE HEALTH Reproductive Health – Problems and Strategies, Population Explosion and Birth Control , Medical Termination of Pregnancy, Sexually Transmitted Diseases , Infertility	Draws linkages between scientific knowledge and knowledge across other curricular areas
<b>PERIODIC ASSESSMENT -II</b>  <b><u>SYLLABUS OF PERIODIC ASSESSMENT -II</u></b>  Chapters 1 to 6	4) PRINCIPLES OF INHERITANCE AND VARIATION Mendel’s Laws of Inheritance, Inheritance of One Gene & Two Genes, Sex Determination, Mutation , Genetic Disorders	Describes mechanisms of heredity (in terms of DNA, genes, chromosomes) and variation (as changes in the sequence of DNA)
	5) MOLECULAR BASIS OF INHERITANCE DNA, RNA, Replication, Transcription, Genetic Code, Translation , Regulation of Gene Expression, Human Genome Project, DNA Fingerprinting	Analyses patterns of inheritance of traits in terms of Mendel’s laws and its consequences at a population level (using models and/or simulations)
	6) EVOLUTION Origin of Life, Evidences for Evolution, Adaptive Radiation, Biological Evolution, Mechanism of Evolution, Hardy - Weinberg Principle, Origin and Evolution of Man	Analyses evidences of biological evolution demonstrating the consequences of the process of natural selection in terms of changes — in allele frequency in population, structure, and function of organisms

<p>PERIODIC ASSESSMENT -III</p> <p><b><u>SYLLABUS OF PERIODIC ASSESSMENT -III</u></b></p> <p>Chapters 1 to 10</p>	<p>7) HUMAN HEALTH AND DISEASES Common Diseases in Humans, Immunity, AIDS, Cancer, Drugs and Alcohol Abuse</p>	<p>Develops awareness of the most current discoveries, ideas, and frontiers in all areas of scientific knowledge in order to appreciate that Science is ever evolving, and that there are still many unanswered questions</p>
	<p>8) MICROBES IN HUMAN WELFARE Microbes in Household Products, in Industrial Products, in Sewage Treatment, in Production of Biogas, as Biocontrol Agents, as Biofertilisers</p>	<p>Develops awareness of the most current discoveries, ideas, and frontiers in all areas of scientific knowledge in order to appreciate that Science is ever evolving, and that there are still many unanswered questions</p>
	<p>9) BIOTECHNOLOGY: PRINCIPLES AND PROCESSES Principles of Biotechnology, Tools of Recombinant DNA Technology, Processes of Recombinant DNA Technology</p>	<p>Develops awareness of the most current discoveries, ideas, and frontiers in all areas of scientific knowledge in order to appreciate that Science is ever evolving, and that there are still many unanswered questions</p>
	<p>10)BIOTECHNOLOGY AND ITS APPLICATIONS Biotechnological Applications in Agriculture &amp; in Medicine, Transgenic Animals, Ethical Issues</p>	<p>Draws linkages between scientific knowledge and knowledge across other curricular areas</p>
<p>ANNUAL EXAM</p> <p><b><u>SYLLABUS OF ANNUAL EXAM</u></b></p> <p>Chapters 1 to 13</p> <p><b>Model Examination - 1</b> (100% syllabus)</p> <p><b>Model Examination - 2</b> (100% syllabus)</p> <p><b>Board Examination</b> (100% syllabus)</p>	<p>11) ORGANISMS AND POPULATIONS Populations</p>	<p>Analyses patterns of inheritance of traits in terms of Mendel's laws and its consequences at a population level (using models and/or simulations)</p>
	<p>12) ECOSYSTEM Ecosystem–Structure and Function, Productivity, Decomposition, Energy Flow, Ecological Pyramids</p>	<p>Analyses different levels of biological organisation from organisms to ecosystems and biomes along with interactions that take place at each level</p>
	<p>13) BIODIVERSITY AND CONSERVATION Biodiversity, Conservation</p>	<p>Explores interconnectedness between organisms and their environment</p>

**CLASS XII****SUBJECT: -COMPUTER SCIENCE****TEXTBOOK-NCERT**

<b>EXAM/MONTH</b>	<b>TOPIC</b>	<b>LEARNING OUTCOME</b>
PERIODIC ASSESSMENT-I  SYLLABUS OF PERIODIC ASSESSMENT -I CHAPTER I , II & III	I. Revision tour of Python  Fundamentals of python, looping, control statements, functions  II. Exception Handling in Python  Exceptions, Raising Exceptions, Handling Exceptions, Finally clause  III. File Handling in Python  Opening and Closing a Text File, writing to a Text File, reading from a Text File, Setting Offsets in a File, Creating and Traversing a Text File, The Pickle Module	Identify the basics of python.  Understands the concepts of Exception Handling.  Learns text file and binary file operations in python.  Create Python programs using files.
PERIODIC ASSESSMENT-II  SYLLABUS OF PERIODIC ASSESSMENT-II PA I+ ABOVE MENTIONED PORTIONS	IV. Database Concepts and Structured Query Language.  Relational data model: relation, attribute, tuple, domain, degree, cardinality, keys (candidate key, primary key, alternate key, foreign key) Structured Query Language: introduction, Data Definition Language and Data Manipulation Language, SQL Commands, Group by, Order by clauses, JOINS,  Interface of python with an SQL database.	Understands the concept of RDBMS and SQL Commands.  Learns Python-SQL connectivity.
PERIODIC ASSESSMENT-III	V. Data Structure in Python:  Introduction to Stack, Operations on Stack  Implementation of Stack in Python	Learns stack and its operations in Python.

<p>SYLLABUS OF PERIODIC ASSESSMENT-III</p> <p>PA-I+PA-II+</p> <p>CHAPTER V</p>	<p>Stack, operations on stack (push &amp; pop), implementation of stack using list.</p>	
<p>ANNUAL EXAMINATION</p> <p>SYLLABUS OF ANNUAL EXAMINATION</p> <p>PA I+PA II+PA III+</p> <p>CHAPTER VI</p> <p>100 % SYLLABUS WILL BE THERE FOR ANNUAL EXAMINATION</p>	<p>VI. Computer Networks</p> <p>Data communication terminologies, Transmission media, Network devices, Network topologies and Network types, Network protocols, Introduction to web services.</p>	<p>Explain communication technologies and Network devices</p> <p>Understand Network types, Network protocols and Web services</p>

**CLASS –XII (2025-2026)**

**MATHEMATICS**

TEXTBOOK: NCERT

EXAM/MONTH	CHAPTERS/TOPIC	LEARNING OUTCOME
PERIODIC ASSESSMENT-I	CHAPTER 1- RELATIONS AND FUNCTIONS	Differentiate between different examples of relations and recognize about one-oneness and onto-ness of functions by discussing various examples of functions and drawing their graphs.
	CHAPTER 2- INVERSE TRIGONOMETRIC FUNCTIONS	Develop skills to evaluate and manipulate inverse trigonometric functions and explore the values of different inverse trigonometric functions in real-world and theoretical problems.
	CHAPTER 3- MATRICES	Evolves the idea of matrices as a way of representing and simplifying mathematical concepts.
<b><u>SYLLABUS OF PERIODIC ASSESSMENT –I</u></b> CHAPTERS-1,2 3 and 4	CHAPTER 4- DETERMINANTS	Evaluates determinants of different square matrices using their properties and develop the ability to apply determinants to solve systems of linear equations and find the area of triangles and the volume of parallelepipeds.





**CLASS XII****SUBJECT: -INFORMATICS PRACTICES****TEXTBOOK-NCERT**

<b>EXAM/MONTH</b>	<b>TOPIC</b>	<b>LEARNING OUTCOME</b>
PERIODIC ASSESSMENT-I	I. Querying and SQL functions Math functions, Text functions, Date Functions, Aggregate Functions, Querying and manipulating data using Group by, Having, Order by. Working with two tables using equi-join	Design SQL queries using aggregate functions.
SYLLABUS OF PERIODIC ASSESSMENT -I CHAPTER I & II	II. Data Handling using Pandas-I Introduction to Python libraries- Pandas, Matplotlib. Data structures in Pandas - Series and Data Frames. Importing/Exporting Data between CSV files and Data Frames.	Create Series, Data frames and apply various operations.
PERIODIC ASSESSMENT-II	IV. Plotting Data using Matplotlib Purpose of plotting; drawing and saving following types of plots using Matplotlib – line plot, bar graph, histogram Customizing plots: adding label, title, and legend in plots.	Identifies plotting using Matplotlib library.
SYLLABUS OF PERIODIC ASSESSMENT-II PA I+CHAPTER IV		
PERIODIC ASSESSMENT-III PA-I+ PA-II+ CHAPTER V	V. Introduction to Computer Networks Introduction to networks, Types of network, Network Devices: modem, hub, switch, repeater, router, gateway Network Topologies: Star, Bus, Tree, Mesh. Introduction to Internet, URL, W W W, and its applications- Web, email, Chat, VoIP. Website: Introduction, difference between a website and webpage, static vs dynamic web page, web server and hosting of a website. Web Browsers:	Understand the basics of Computer Networks. Learn terminology related to networking and internet. Identify internet security issues and configure browser settings.

	Introduction, commonly used browsers, browser settings, add-ons and plug-ins, cookies.	
<p>ANNUAL EXAMINATION</p> <p>SYLLABUS OF ANNUAL EXAMINATION</p> <p>MODEL EXAMINATION I</p> <p>100%SYLLABUS</p> <p>MODEL EXAMINATION II</p> <p>100%SYLLABUS</p> <p>100 % SYLLABUS WILL BE THERE FOR BOARD EXAM</p>	<p>VI. Societal Impacts</p> <p>Digital footprint, net and communication etiquettes, data protection, intellectual property rights (IPR), plagiarism, licensing and copyright, free and open source software (FOSS), cybercrime and cyber laws, hacking, phishing, cyber bullying, overview of Indian IT Act. E-waste: hazards and management. Awareness about health concerns related to the usage of technology.</p>	<p>Understand the impact of technology on society including gender and disability issues.</p>

**SUBJECT:-BUSINESS STUDIES**

**CLASS XII**

**TEXT BOOK-NCERT**

<b>EXAM/MONTH</b>	<b>TOPIC</b>	<b>LEARNING OUTCOME</b>
PERIODIC ASSESSMENT-I	Nature and significance of Management Principles of Management Business Environment Planning	Learn the nature and significance of Management, features of Management. Different levels of management Knowledge about the General Principles of Management and Scientific Management Make a comparative study of Fayol's and Taylor's contributions Identify the economic, technological, social, political environments Identify the first function of management-planning, Realizes its importance, merits, limitations and steps in planning
PERIODIC ASSESSMENT-II	(PAI Portions + Organizing, Staffing, Directing and Controlling	Knowledge about other functions of Organizing, staffing, Directing and controlling-their principles, features, merits and demerits and steps
PERIODIC ASSESSMENT - III	(PAI and PA II portions +Financial Management Financial Market Marketing management Consumer Protection Act	Identify finance as the life blood of business. Knowledge about different financial assets  Differentiates marketing and selling concepts Explain the different tools to manage the marketing function  Awareness about Consumer Protection Act to protect the interest of consumers
REVISION MODEL EXAMINATION- I MODEL EXAMINATION- II	FULL SYLLABUS	

**SUBJECT:-ACCOUNTANCY**

**CLASS - XII**

**TEXT BOOK- T.S GREWAL**

**BOOK-1- ACCOUNTING FOR PARTNERSHIP FIRMS**

**BOOK-2-ACCOUNTING FOR COMPANIES**

**BOOK-3-ANALYSIS OF FINANCIAL STATEMENTS**

<b>EXAM/MONTH</b>	<b>TOPIC</b>	<b>LEARNING OUTCOME</b>
PERIODIC ASSESSMENT-I	Accounting for partnership firms Fundamentals, valuation of goodwill Admission of a partner Retirement/death of a partner	Knowledge about partnership fundamentals Skill to calculate value of goodwill under different methods Know the change in relation between partner in admission, retirement and death Skill to calculate new ratio, sacrificing and gaining ratio. Preparing revaluation account, partners' capital accounts and new balance sheet
PERIODIC ASSESSMENT-II	(PA I portion + Dissolution of partnership firm. Accounting for share capital Accounting for Debentures	Differentiate Dissolution of partnership and Dissolution of partnership firm. Prepare Realization account, partners' capital accounts Acquire knowledge about sources of owned fund and borrowed fund. Differentiate debentures from shares. Skill to write journal entries while procuring capital through shares and debentures Calls in arrear, advance, forfeiture-issue and over subscription Issue of debentures under different cases
PERIODIC ASSESSMENT-III	(PA I + PA II portion+ Financial statements of a company Analysis of Financial Statements Accounting Ratios Cash flow statement	Skill to arrange the items in order in the Balance sheet of a company Familiarize different tools for analysis Develop skill to draw comparative statements, common size statements Calculate different ratios Prepare cash flow statement
	Revision Model examination-I Model examination-II	

## SUBJECT: ECONOMICS

CLASS: XII

TEXTBOOK : 1.) **INTRODUCTORY MACROECONOMICS for class XII**  
by S.K Agarwal

2.) **INDIAN ECONOMIC DEVELOPMENT by the NCERT**

EXAM/MONTH	TOPIC	LEARNING OUTCOME
<b>PERIODIC ASSESSMENT – I</b>  <b><u>SYLLABUS OF PERIODIC ASSESSMENT – I</u></b>	<b><u>INTRODUCTORY MACROECONOMICS:</u></b> UNIT : 1. NATIONAL INCOME AND RELATED AGGREGATES  UNIT : 2. MONEY AND BANKING	Explains the difference between micro and macro concepts and also explains different methods to calculate National Income and Per Capita Income.  Explains the various aspects of money and also about the different monetary policy instruments of the RBI.
<b>INTRODUCTORY MACROECONOMICS:</b>  <b>UNIT : 1 NATIONAL INCOME AND RELATED AGGREGATES</b>  <b>UNIT : 2 MONEY AND BANKING</b>	<b><u>INDIAN ECONOMIC DEVELOPMENT:</u></b> UNIT : 1   DEVELOPMENT POLICIES AND EXPERIENCE (1947–90)  UNIT : 2 ECONOMIC REFORMS SINCE 1991	Identifies the causes for the low level of economic development and policies launched by the British towards India. Explains the development policies in different sectors from 1950-1990.  Describes the pivotal changes that had happened in the Indian Economy since 1991 – its background, policy measures adopted and the impacts of those policy norms in the major economic sectors of the Indian Economy.
<b>INDIAN ECONOMIC DEVELOPMENT:</b>  <b>UNIT : 1 DEVELOPMENT POLICIES AND EXPERIENCE (1947–90)</b>  <b>UNIT : 2 ECONOMIC REFORMS SINCE 1991</b>		

<p><b>PERIODIC ASSESSMENT – II</b></p> <p><b><u>SYLLABUS OF PERIODIC ASSESSMENT – II</u></b></p> <p><b>PORTIONS OF PERIODIC ASSESSMENT – I +</b></p> <p><b>INTRODUCTORY MACROECONOMICS:</b></p> <p><b>UNIT : 3</b> <b>DETERMINATION OF INCOME AND EMPLOYMENT</b></p> <p><b>INDIAN ECONOMIC DEVELOPMENT:</b></p> <p><b>UNIT : 3</b> <b>CURRENT CHALLENGES FACING INDIAN ECONOMY – HUMAN CAPITAL FORMATION IN INDIA, RURAL DEVELOPMENT</b></p>	<p><b><u>INTRODUCTORY MACROECONOMICS:</u></b></p> <p>UNIT : 3 DETERMINATION OF INCOME AND EMPLOYMENT</p> <p><b><u>INDIAN ECONOMIC DEVELOPMENT:</u></b></p> <p>UNIT : 3 CURRENT CHALLENGES FACING INDIAN ECONOMY – HUMAN CAPITAL FORMATION IN INDIA,  RURAL DEVELOPMENT</p>	<p>Interprets how the aggregate income affects the demand and supply for the goods in an economy supported by consumption, savings, and the impact of the investment as well as the money multiplier.</p> <p>Describes the concepts of Human Resource, Human Capital Formation and the need for government spending on education.</p> <p>Explains about the meaning and various factors associated with rural development along with the need for agricultural marketing and diversification of agricultural commodities.</p>
<p><b>PERIODIC ASSESSMENT – III</b></p> <p><b><u>SYLLABUS OF PERIODIC ASSESSMENT – III</u></b></p>	<p><b><u>INTRODUCTORY MACROECONOMICS:</u></b></p> <p>UNIT : 4 GOVERNMENT BUDGET AND THE ECONOMY</p>	<p>Describes the meaning, components, and objectives along with the calculation of deficit of a budget as well as the functions of the Government Budget.</p>

<p><b>PORTIONS OF PERIODIC ASSESSMENT – I + PORTIONS OF PERIODIC ASSESSMENT – II +</b></p> <p><b>INTRODUCTORY MACROECONOMICS:</b></p> <p><b>UNIT : 4 GOVERNMENT BUDGET AND THE ECONOMY</b></p> <p><b>UNIT : 5 BALANCE OF PAYMENTS</b></p> <p><b>INDIAN ECONOMIC DEVELOPMENT:</b></p> <p><b>UNIT :3 CURRENT CHALLENGES FACING INDIAN ECONOMY – EMPLOYMENT: GROWTH, INFORMALISATION AND OTHER ISSUES, ENVIRONMENT AND SUSTAINABLE DEVELOPMENT</b></p> <p><b>UNIT : 4 DEVELOPMENTAL EXPERIENCES OF INDIA – A COMPARISON WITH NEIGHBOURS</b></p>	<p><b>UNIT : 5 BALANCE OF PAYMENTS</b></p> <p><b><u>INDIAN ECONOMIC DEVELOPMENT:</u></b></p> <p><b>UNIT :3 CURRENT CHALLENGES FACING INDIAN ECONOMY – EMPLOYMENT: GROWTH, INFORMALISATION AND OTHER ISSUES, ENVIRONMENT AND SUSTAINABLE DEVELOPMENT</b></p> <p><b>UNIT : 4 DEVELOPMENTAL EXPERIENCES OF INDIA – A COMPARISON WITH NEIGHBOURS</b></p>	<p>Explains about the BOP accounts, BOP surplus and deficit as well as the determination of foreign exchange rates along with its characteristics.</p> <p>Describes a few basic concepts relating to employment such as economic activity, worker, workforce participation along with the problems and policies with reference to the job sector of India.</p> <p>Describes the significance and contribution of environment and economic development and to relate environmental issues to the larger context of sustainable development.</p> <p>Recalls the strategies that India and Her neighbouring countries have adopted to reach their present state of development, including the patterns, statistics as well as the unique development features attained by each of the nations.</p>
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**MODEL  
EXAMINATIONS  
AND REVISION**

**SYLLABUS**

**MODEL  
EXAMINATION – I –  
(100% SYLLABUS)**

**MODEL  
EXAMINATION – II –  
(100% SYLLABUS)**

## SUBJECT: FINANCIAL MARKETS MANAGEMENT

CLASS: XII

TEXTBOOK : FINANCIAL MARKETS MANAGEMENT, STUDENT'S HANDBOOK, NSQF LEVEL-4 for class XII by Dr.Agna Fernandez (Published by the CBSE)

EXAM/MONTH	TOPIC	LEARNING OUTCOME
<b>PERIODIC ASSESSMENT– I</b>  <b><u>SYLLABUS OF PERIODIC ASSESSMENT – I</u></b>  <b>CHAPTER:1 INTRODUCTION TO INDIAN SECURITIES MARKETS AND TRADING MEMBERSHIP</b>  <b>CHAPTER:2 TRADING</b>	<b>CHAPTER:1</b> INTRODUCTION TO INDIAN SECURITIES MARKETS AND TRADING MEMBERSHIP  <b>CHAPTER:2</b> TRADING	Understand the basic concepts relating to the Indian securities markets along with the fundamental rules and regulations of trading and membership in the stock market.  Understands about the development of trading over the years along with its various aspects in detail.
<b>PERIODIC ASSESSMENT – II</b>  <b><u>SYLLABUS OF PERIODIC ASSESSMENT– II</u></b>  <b>PORTIONS OF PERIODIC ASSESSMENT – I +</b>  <b>CHAPTER:3 CLEARING, SETTLEMENT AND LEGAL FRAMEWORK</b>  <b>CHAPTER:4</b>	<b>CHAPTER:3</b> CLEARING, SETTLEMENT AND LEGAL FRAMEWORK  <b>CHAPTER:4</b> FINANCIAL STATEMENT ANALYSIS	Identify the meaning as well as the process of Clearing and Settlement of Trades along with the steps included in this process and also to analyse the risks and risk management in settlements.  Understands the concepts and modes of Financial Statement Analysis.

<p><b>FINANCIAL STATEMENT ANALYSIS</b></p>		
<p><b>PERIODIC ASSESSMENT – III</b></p> <p><b><u>SYLLABUS OF PERIODIC ASSESSMENT – III</u></b></p> <p><b>PORTIONS OF PERIODIC ASSESSMENT – I + PORTIONS OF PERIODIC ASSESSMENT – II +</b></p> <p><b>CHAPTER:5 INTRODUCTION TO DERIVATIVES</b></p> <p><b>CHAPTER:6 FUTURE CONTRACTS, MECHANISM AND PRICING</b></p>	<p><b>CHAPTER:5 INTRODUCTION TO DERIVATIVES</b></p> <p><b>CHAPTER:6 FUTURE CONTRACTS, MECHANISM AND PRICING</b></p>	<p>Identify the types of Derivative Contracts and the related aspects in a bird’s eye view.</p> <p>Understands about the Forward and Futures Contracts operations along with the concept of Hedging in detail.</p>
<p><b>MODEL EXAMINATIONS AND REVISION</b></p> <p><b><u>SYLLABUS</u></b></p> <p><b>MODEL EXAMINATION – I – (100% SYLLABUS)</b></p> <p><b>MODEL EXAMINATION – II –</b></p>		

<b>(100% SYLLABUS)</b>		
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**SUBJECT - PSYCHOLOGY**  
**CLASS XII**  
**TEXT BOOK - NCERT**

<b>EXAM \ MONTH</b>	<b>TOPIC</b>	<b>LEARNING OUTCOME</b>
PERIODIC ASSESSMENT -1	<p>Variations in psychological attributes</p> <p>Self and Personality</p> <p>Meeting Life Challenges</p>	<p>Understand individual differences in intelligence, personality, and aptitude, and how they influence behavior and performance.</p> <p>Gain insight into the concept of self and major personality theories to understand personal and social identity.</p> <p>Learn about stress, its effects, and coping strategies to enhance psychological well-being and resilience.</p>
PERIODIC ASSESSMENT - 2	<p>( PA 1 portions )</p> <p>Psychological Disorders</p> <p>Therapeutic Approaches</p>	<p>Understand the symptoms, classification, causes, and impact of various psychological disorders to promote mental health awareness.</p> <p>Learn about different therapeutic methods used to treat psychological disorders and enhance psychological well-being.</p>
PERIODIC ASSESSMENT - 3	<p>( PA 1 and PA 2 Portions )</p> <p>Attitude and Social Cognition</p> <p>Social Influence and Group Processes</p>	<p>Understand how attitudes are formed, changed, and how social perception influences human behavior in social contexts.</p> <p>Learn how individuals behave in groups, how social influence shapes behavior, and the dynamics of leadership, cooperation, and conflict.</p>
REVISION MODEL EXAMINATION- 1 MODEL EXAMINATION- 2	FULL SYLLABUS	

## SUBJECT :-PHYSICAL EDUCATION

<b>EXAM/MONTH</b>	<b>TOPIC</b>	<b>LEARNING OUTCOME</b>
JUNE	March Past Rules and Regulation of Chess	Students will be able to 1.Improve co-ordination 2.Understanding Chess Regulation
JULY	Khelo India Physical Fitness Test, Rules and Regulations of Kabaddi	Students will be able to 1.increase Speed and Agility 2.Understanding Rules and Regulation Of Kabaddi
AUGUST	Khelo India Physical Fitness Test And Rules of kho kho	Students will be able to 1.Increase Muscular Strength and Co-ordination 2.Understanding kho kho Rules
SEPTEMBER	Free hand Exercise, Rules of badminton	Students will be able to 1.Improve co-ordination 2.To Learn Badminton Rules
OCTOBER	Free hand Exercise , Rules of volley ball	Students will be able to 1.improve Flexibility 2.Understanding Volley ball Rules
NOVEMBER	Major Game of Foot ball	Students will be able to 1.Increase Playing Agility Of Foot ball
DECEMBER	Khelo India Physical Fitness Test , Rules of Athletics	Students will be able to 1.Improve Speed and Agility 2.Understanding Rules of Athletics
JANUARY	Khelo India Physical Fitness Test And Basket ball	Students will be able to 1.Improve co-ordination and Flexibility 2.Understanding Basket ball Skills

FEBRUARY	Recreation Games And Carrom board	Students will be able to 1.Help For stress Management 2.To Learn carroms Rules
MARCH	Recreation Games	Students will be able to 1.Improve Leadership skills and stress Management

# YOGA

## Yoga syllabus

<b>EXAM/MONTH</b>	<b>TOPIC</b>
<b>JUNE</b>	SIMPLE EXERCISES
<b>JULY</b>	SURYA NAMASKARAM UPPER BODY STRETCH EXERCISE
<b>AUGUST</b>	REVISION
<b>SEPTEMBER</b>	TEST
<b>OCTOBER</b>	YOGA COMPETITION SYLLABUS: BACKWARD ASANAS FORWARD ASANAS
<b>NOVEMBER</b>	LEG BALANCE ASANAS HAND BALANCE ASANAS TWISTING ASANAS
<b>DECEMBER</b>	REVISION TEST