

Pre Board Examination Syllabus (2019 – 2020) Class - XII
Science Stream

English	Maths	Physics	Chemistry	Biology	Biotech	C++	Informatics Practices	Economics
<p>Reading Comprehension –</p> <ul style="list-style-type: none"> • Passage/Poem • Note-Making & Summarizing <p>Writing Skills –</p> <ul style="list-style-type: none"> • Notice, Advertisement, Poster Designing, Formal and Informal Invitations and Replies • Letter to the editor, Application for a Job, Business/Official (making enquiries, registering complaints, asking for or giving information, placing orders & sending replies), Letter to the school or college authorities • Article, Debate, Speech, Report <p>Literature Textbooks</p> <p>Flamingo: Prose –</p> <ol style="list-style-type: none"> 1. The Last Lesson 2. Lost Spring 3. Deep Water 4. The Rattrap 5. Indigo 6. Poets and Pancakes 7. The Interview 8. Going Places <p>Poetry –</p> <ol style="list-style-type: none"> 1. My Mother at Sixty Six 2. An Elementary School Classroom in a Slum 3. Keeping Quiet 4. A Thing of Beauty 5. A Roadside Stand 6. Aunt Jennifer's Tigers <p>Vistas:</p> <ol style="list-style-type: none"> 1. The Third Level 2. The Tiger King 3. The Enemy 4. Should Wizard Hit Mommy? 5. On the Face of It 6. Memories of Childhood <ul style="list-style-type: none"> • The Cutting of My Long Hair • We too are Human Beings 	<ol style="list-style-type: none"> 1. Relations and Functions 2. Inverse Trigonometric Functions 3. Matrices 4. Determinants 5. Continuity and Differentiability 6. Applications of Derivatives 7. Integrals 8. Applications of Integrals 9. Differential Equations 10. Vector Algebra 11. 3-D 12. Linear Programming 13. Probability 	<ol style="list-style-type: none"> 1. Electrostatics 2. Current electricity 3. Magnetic Effects of current 4. Magnetism 5. Electro Magnetic Induction 6. Alternating Current 7. Electromagnetic Waves 8. Ray and wave Optics 9. Dual Nature of radiation 10. Atoms 11. Nuclei 12. Semiconductor devices and circuits 	<ol style="list-style-type: none"> 1. Solution 2. Electrochemistry 3. Chemical Kinetics 4. P-block 5. Surface chemistry 6. D & F –block 7. Co-ordination compound 8. F.G. Ist 9. F.G. IInd 10. F.G. IIIrd 11. F.G. IVth 12. Biomolecules 13. Polymer 14. Chemistry in Everyday 15. General Principles 	<ol style="list-style-type: none"> 1. Reproduction 2. Genetics and Evolution 3. Biology in Human Welfare 4. Biotechnology 5. Ecology 	<ol style="list-style-type: none"> 1. Recombinant DNA Technology 2. Protein Structure and Engineering 3. Genomics, Proteomics and Bioinformatics 4. Microbial Cell Culture and Its Applications 5. Plant Cell Culture and Applications 6. Animal Cell Culture and Applications 	<ol style="list-style-type: none"> 1. Review of C++ 2. Object Oriented Programming 3. Objects and Classes 4. Constructors & Destructors 5. Inheritance : Extending Classes 6. File Handling in C++ 7. Pointers 8. Array 9. Stacks 10. Queues 11. Database Concepts 12. Structured Query Language 13. SQL Select Statement 14. Boolean Algebra 15. Communication & Network Concepts 	<p>UNIT 1 (10m) Networking and Open Standards</p> <p>UNIT 2 (25m) Java Programming , HTML-1 and HTML-2</p> <p>UNIT 3 (30m) MYSQL</p> <p>UNIT 4 (5m) IT Applications</p>	<p>Macroeconomics</p> <ol style="list-style-type: none"> 1. Introduction - Macroeconomics 2. Concepts of macroeconomics 3. National Income and related aggregated. 4. Methods of calculating National Income 5. Money 6. Banking 7. Aggregate Demand , Aggregate Supply and Related Concepts 8. Short run equilibrium output. 9. Problem of Excess Demand and Deficient Demand 10. Government Budget and the Economy 11. Foreign Exchange rate 12. Balance of Payments <p>Indian economic development</p> <ol style="list-style-type: none"> 1. Indian Economy on the eve of Independence 2. Five year plans 3. Features and problems of agriculture 4. Strategy of industrial growth 5. Indian foreign trade 6. New economic policy 7. Poverty 8. Human Capital Formation 9. Rural Development 10. Employment and unemployment 11. Infrastructure 12. Environment & Sustainable Development 13. Comparative Development experience of India, Pakistan and China

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Hindi	Python	Kathak Nritya	Vocal Music	Entrepreneurship	Fine Art	Physical Education	Legal Studies
<p>खण्ड – क</p> <p>1. अपठित गद्यांश (12m)</p> <p>2. अपठित पद्यांश (4m)</p> <p>खण्ड – ख</p> <p>3. रचनात्मक लेखन अनुच्छेद लेखन (5m) पत्र लेखन (5m) जन संचार माध्यम (5m) आलेख लेखन, फीचर लेखन, पुस्तक की समीक्षा से सम्बन्धित प्रश्न (5m)</p> <p>खण्ड – ग (गद्य पाठ) – 16m</p> <p>भक्तिन, बाजार दर्शन, काले मेघा पानी दे, पहलवान की ढोलक, चार्ली चैप्लिन यानि हम सब, नमक, शिरीष के फूल, श्रम विभाजन और जाति प्रथा, मेरी कल्पना का आदर्श समाज</p> <p>पद्य– 16m</p> <p>आत्म परिचय, दिन जल्दी ढलता है, पतंग कविता के बहाने बात सीधी थी पर, कैमरे में बंद अपाहिज , सहर्ष स्वीकारा है व राम का विलाप, रुबाइयों, गजल, छोटा मेरा खेत, बगुलों के पंख</p> <p>वितान – 12m</p> <p>सिल्वर वैडिंग, जूझ, अतीत में दबे पाँव डायरी के पन्ने</p>	<ol style="list-style-type: none"> Review of Python-I Review of Python-II User-Defined Functions in Python Working with Mutable and Immutable Data Types File Handling in Python Data Visualization using Pyplot Recursion Programming in Python Review of SQL SELECT Statement SQL Group Functions Data Structure using Python jList Stack using Python List Queue using Python List Computer Networking, Network Stack and Tools Network Protocols and Applications Django Web Base Application Python-SQL connectivity Society law and ethics E-waste management 	<p>Classical dance , Life sketch, Natya shashtra, Abhinaya darpan, Abhinaya, Gharanas,Rasa. Short Notes, Definitions , Thekas and Notations.</p>	<p>Raga: Bhairav,Malkauns,Bageshree, Shudh Sarang Definitions , Biographies,Indetification of raga, Taal : Teen ,Jhap Roopak , Tilwada, Dhamaar. Notation and description of raga, Sangeet Ratnakar and Sangeet Parijjaat Classification of raga Time theory.</p>	<p>CH-1: Entrepreneurial Opportunity CH-2: Enterprise Planning CH-3: Enterprise Marketing CH-4: Enterprise Growth Strategies CH-5: Business Arithmetic CH-6: Resource Mobilization</p>	<ol style="list-style-type: none"> The Rajasthan School And Pahari School of Miniature painting Painting The Mugal & Deccan school of Miniature Painting The Indian National Flag and the Bengal school of painting The Modern trends in Indian art 	<p>CH 01 Planning in Sports CH02 Sports And Nutrition CH 03 Yoga And Lifestyle CH 04 Physical Education And Sports For CWSN CH05 Children And Women In Sports CH 06 Test And Measurement In Sports CH 07 Physiology And Injuries In Sports CH 08 Biomechanics And Sports CH 09 Psychology And Sports CH 10 Training In Sports</p>	<p>Unit 1 Judiciary Unit 2 Topics of law Unit 3 Arbitration, Tribunal Adjudication and Alternative Dispute Resolution Unit 4. Human Rights in India Unit 5 Legal Profession in India Unit 6 Legal Services Unit 7 International Context.</p>

Pre Board Examination Syllabus (2019 – 2020) Class - XII
Commerce Stream

English	Maths	Accountancy	Business Studies	Economics	Informatics Practices
<p>Reading Comprehension –</p> <ul style="list-style-type: none"> • Passage/Poem • Note-Making & Summarizing <p>Writing Skills –</p> <ul style="list-style-type: none"> • Notice, Advertisement, Poster Designing, Formal and Informal Invitations and Replies • Letter to the editor, Application for a Job, Business/Official (making enquiries, registering complaints, asking for or giving information, placing orders & sending replies), Letter to the school or college authorities • Article, Debate, Speech, Report <p>Literature Textbooks</p> <p><u>Flamingo: Prose –</u></p> <ol style="list-style-type: none"> 1. The Last Lesson 2. Lost Spring 3. Deep Water 4. The Rattrap 5. Indigo 6. Poets and Pancakes 7. The Interview 8. Going Places <p><u>Poetry –</u></p> <ol style="list-style-type: none"> 1. My Mother at Sixty Six 2. An Elementary School Classroom in a Slum 3. Keeping Quiet 4. A Thing of Beauty 5. A Roadside Stand 6. Aunt Jennifer's Tigers <p><u>Vistas:</u></p> <ol style="list-style-type: none"> 1. The Third Level 2. The Tiger King 3. The Enemy 4. Should Wizard Hit Mommy? 5. On the Face of It 6. Memories of Childhood <ul style="list-style-type: none"> • The Cutting of My Long Hair • We too are Human Beings 	<ol style="list-style-type: none"> 1. Relations and Functions 2. Inverse Trigonometric Functions 3. Matrices 4. Determinants 5. Continuity and Differentiability 6. Applications of Derivatives 7. Integrals 8. Applications of Integrals 9. Differential Equations 10. Vector Algebra 11. 3-D 12. Linear Programming 13. Probability 	<ol style="list-style-type: none"> 1. Not-for-Profit Organisations 2. Fundamentals of Partnership 3. Goodwill-Nature and valuation 4. Change in Profit Sharing Ratio 5. Admission of a Partner 6. Retirement/Death of a Partner 7. Dissolution of Partnership Firm 8. Company Accounts – Accounting for Shares 9. Company Accounts - Issue of Debentures 10. Company Accounts – Redemption of Debentures 11. Financial Statements 12. Analysis of Financial Statements 13. Comparative and Common Size Statements 14. Accounting ratios 15. Cash Flow Statement 	<ol style="list-style-type: none"> 1. Nature and significance of management 2. Principles of management 3. Business Environment 4. Planning 5. Organising 6. Staffing 7. Directing 8. Controlling 9. Financial Management 10. Financial Market 11. Marketing Management 12. Consumer Protection 	<p><u>Macroeconomics</u></p> <ol style="list-style-type: none"> 1. Introduction - Macroeconomics 2. Concepts of macroeconomics 3. National Income and related aggregated. 4. Methods of calculating National Income 5. Money 6. Banking 7. Aggregate Demand , Aggregate Supply and Related Concepts 8. Short run equilibrium output. 9. Problem of Excess Demand and Deficient Demand 10. Government Budget and the Economy 11. Foreign Exchange rate 12. Balance of Payments <p><u>Indian economic development</u></p> <ol style="list-style-type: none"> 1. Indian Economy on the eve of Independence 2. Five year plans 3. Features and problems of agriculture 4. Strategy of industrial growth 5. Indian foreign trade 6. New economic policy 7. Poverty 8. Human Capital Formation 9. Rural Development 10. Employment and unemployment 11. Infrastructure 12. Environment & Sustainable Development 13. Comparative Development experience of India, Pakistan and China 	<p>UNIT 1 (10m) Networking and Open Standards</p> <p>UNIT 2 (25m) Java Programming , HTML-1 and HTML-2</p> <p>UNIT 3 (30m) MYSQL</p> <p>UNIT 4 (5m) IT Applications</p>

Pre Board Examination Syllabus (2019 – 2020) Class - XII
Humanities Stream

English	Political Science	Sociology	History	Economics	Informatics Practices
<p>Reading Comprehension –</p> <ul style="list-style-type: none"> • Passage/Poem • Note-Making & Summarizing <p>Writing Skills –</p> <ul style="list-style-type: none"> • Notice, Advertisement, Poster Designing, Formal and Informal Invitations and Replies • Letter to the editor, Application for a Job, Business/Official (making enquiries, registering complaints, asking for or giving information, placing orders & sending replies), Letter to the school or college authorities • Article, Debate, Speech, Report <p>Literature Textbooks</p> <p>Flamingo: Prose –</p> <ol style="list-style-type: none"> 1. The Last Lesson 2. Lost Spring 3. Deep Water 4. The Rattrap 5. Indigo 6. Poets and Pancakes 7. The Interview 8. Going Places <p>Poetry –</p> <ol style="list-style-type: none"> 1. My Mother at Sixty Six 2. An Elementary School Classroom in a Slum 3. Keeping Quiet 4. A Thing of Beauty 5. A Roadside Stand 6. Aunt Jennifer's Tigers <p>Vistas:</p> <ol style="list-style-type: none"> 1. The Third Level 2. The Tiger King 3. The Enemy 4. Should Wizard Hit Mommy? 5. On the Face of It 6. Memories of Childhood <ul style="list-style-type: none"> • The Cutting of My Long Hair • We too are Human Beings 	<p>Book Name: Contemporary World Politics</p> <ol style="list-style-type: none"> 1. Cold War Era 2. The End of bipolarity 3. US Hegemony in World Politics 4. Alternative centres of power 5. Contemporary South Asia 6. International Organizations 7. Security in Contemporary World 8. Environment and Natural Resources 9. Globalization <p>Book Name: Politics in India since Independence</p> <ol style="list-style-type: none"> 10. Challenges of Nation Building 11. Era of One-Party Dominance 12. Politics of Planned Development 13. India's External relations 14. Challenges to the Congress System 15. Crisis of the Democratic Order 16. Rise of Popular Movements 17. Regional aspirations 18. Recent Developments in Indian Politics 	<p>Indian Society</p> <ol style="list-style-type: none"> 1. The Demographic Structure of the Indian Society 2. Social Institutions – Continuity and Change 3. The Market as a Social Institution 4. Patterns of Social Inequality and Exclusion 5. The Challenges of Cultural Diversity <p>Social Change and Development in India</p> <ol style="list-style-type: none"> 1. Structural Change 2. Cultural Change 3. The Story of Indian Democracy 4. Change and Development in Rural Society 5. Change and Development in Industrial Society 6. Globalization and Social Change 7. Mass Media and Communications 8. Social Movements 	<p>Themes in Indian History I</p> <ol style="list-style-type: none"> 1. Bricks, Beads and Bones 2. Kings, Farmers and Towns 3. Kinship, Caste and Class 4. Thinkers, Beliefs and Buildings <p>Themes in Indian History II</p> <ol style="list-style-type: none"> 1. Through the Eyes of Travellers 2. Bhakti-Sufi Traditions 3. An Imperial Capital: Vijaynagara 4. Peasants, Zamindars and the State 5. Kings and Chronicles <p>Themes in Indian History III</p> <ol style="list-style-type: none"> 1. Colonialism and the Countryside 2. Rebels and the Raj 3. Colonial Cities 4. Mahatma Gandhi and the Nationalist Movement 5. Understanding Partition 6. Framing the Constitution 	<p>Macroeconomics</p> <ol style="list-style-type: none"> 1. Introduction - Macroeconomics 2. Concepts of macroeconomics 3. National Income and related aggregated. 4. Methods of calculating National Income 5. Money 6. Banking 7. Aggregate Demand , Aggregate Supply and Related Concepts 8. Short run equilibrium output. 9. Problem of Excess Demand and Deficient Demand 10. Government Budget and the Economy 11. Foreign Exchange rate 12. Balance of Payments <p>Indian economic development</p> <ol style="list-style-type: none"> 1. Indian Economy on the eve of Independence 2. Five year plans 3. Features and problems of agriculture 4. Strategy of industrial growth 5. Indian foreign trade 6. New economic policy 7. Poverty 8. Human Capital Formation 9. Rural Development 10. Employment and unemployment 11. Infrastructure 12. Environment & Sustainable Development 13. Comparative Development experience of India, Pakistan and China 	<p>UNIT 1 (10m) Networking and Open Standards</p> <p>UNIT 2 (25m) Java Programming , HTML-1 and HTML-2</p> <p>UNIT 3 (30m) MYSQL</p> <p>UNIT 4 (5m) IT Applications</p>