

SRI SRI ACADEMY
SYLLABUS 2017 - 2018
CLASS-XI

ENGLISH

FIRST TERM	SECOND TERM
<p><u>LITERATURE</u></p> <p>PLAY: The Tempest – Act I&II PROSE : - a) The Gorilla in the Guest Room b) Salvatore c) Quality POEM : - 1) Gift of India 2) Crossing the Bar 3) We are the Music Makers</p>	<p><u>LITERATURE</u></p> <p>I. Play – Tempest Act 3</p> <p>II. Prose</p> <ul style="list-style-type: none"> • Fritz • The Chinese Statue <p>III. Poetry</p> <ul style="list-style-type: none"> • The Dolphins • John Brown
<p><u>LANGUAGE</u></p> <ol style="list-style-type: none"> 1) Newspaper Report 2) Article writing 3) Speech Writing 4) Comprehension 5) Grammar – Sentences, Tenses, Prepositions 	<p><u>LANGUAGE</u></p> <ol style="list-style-type: none"> 1. Essay 2. Comprehension 3. Grammar 4. Guided Writing – Book/Movie/Theatre Review

HINDI

FIRST TERM

गद्य संकलन	काव्य मंजरी
<ul style="list-style-type: none">• पुत्र प्रेम• शरणागत• क्या निराश हुआ जाए• सती• आउट साइडर	<ul style="list-style-type: none">• सूरदास• कबीर• आःधरती कितना देती है• एक फूल की चाह• उद्यमी नर
व्याकरण—निबंध, अपठित गद्यांश, वाक्य-शुद्धिकरण तथा मुहावरे ।	
आषाढ का एक दिन—प्रथम अंक	

SECOND TERM

गद्य संकलन	काव्य मंजरी
<ul style="list-style-type: none">• भक्तिन• मजबूरी• गौरी	<ul style="list-style-type: none">• तुलसी के पद• नदी के द्वीप• बादल को घिरते देखा है• जाग तुझको दूर जाना है
व्याकरण—निबंध, अपठित गद्यांश, वाक्य-शुद्धिकरण तथा मुहावरे ।	
आषाढ का एक दिन—प्रथम अंक तथा द्वितीय अंक	

BENGALI (বাংলা)

FIRST TERM	SECOND TERM
<p><u>Language (ভাষা)</u> বাক্যপরিবর্তন বাগধারা ভুলসংশোধন প্রবন্ধরচনা বোধপরীক্ষণ</p> <p><u>Literature</u> উপন্যাস: কোনি ১) ৮-৫৫পৃষ্ঠা</p> <p>গদ্য: ১। তাসের ঘর ২। অন্যচার ৩। বীরশূদ্ভা</p> <p>পদ্য: ১। সালেমনের মা ২। বাবরের প্রার্থনা ৩। রাস্তা কারও একার নয় ৪। নুন</p>	<p>• <u>Language (ভাষা)</u> বাক্যপরিবর্তন বাগধারা ভুলসংশোধন প্রবন্ধরচনা বোধপরীক্ষণ</p> <p><u>Literature</u> উপন্যাস: কোনি (১-১৫পৃষ্ঠা)</p> <p>গদ্য: ১। ঠাকুরদা ২। জোড়াসাঁকোর ধারে ৩। আদাব ৪। বেকর্ড</p> <p>পদ্য: ১। ওবা কাজ কবে ২। বনলতা সেন ৩। পূব পশ্চিম</p>

MATHEMATICS

FIRST TERM	SECOND TERM
<ol style="list-style-type: none">1. Trigonometry2. Trigonometry3. Sets/Relation and function/ limit/ derivatives4. Correlation analysis and statistics	<ol style="list-style-type: none">1. Trigon Index Number and Moving Average2. Statistics3. Mathematical Reasoning4. 3D5. Conic Section6. Probability7. Calculus8. Coordinate Geometry9. Mathematical Induction10. Complex Number11. Quadratic Equation12. Permutation and Combination13. Binomial Theorem14. Sequence and Series <ul style="list-style-type: none">• All topics covered in First Term

PHYSICS

FIRST TERM	SECOND TERM
<ol style="list-style-type: none">1. Physical world and Measurement2. Kinematics3. Laws of Motion4. Work, Energy & power	<ol style="list-style-type: none">1. Gravitation2. Fluids3. Viscosity4. Properties of matter: Solids and liquids5. Properties of matter : Gases6. Internal Energy7. Oscillations8. Waves

CHEMISTRY

FIRST TERM	SECOND TERM
<ul style="list-style-type: none">• Some basic concepts of Chemistry.• Structure of the atom• Classification of elements and periodicity of properties.• Chemical Bonding and Molecular structure• s – block elements• Nomenclature of organic compounds.	<ul style="list-style-type: none">• Chemical thermodynamics• Equilibrium• Finding of Oxidation number• Some p-block elements• Isomerism and reaction mechanism• Hydrocarbons – Aliphatic and Aromatic

BIOLOGY

FIRST TERM	SECOND TERM
<ul style="list-style-type: none">• The Living World.• Biological Classification.• Plant Morphology.• Cell Membrane and its Models.• Biomolecules.• Cell Cycle and Cell Division.• Respiration in Plants.• Human Respiratory System.• Photosynthesis.	<ul style="list-style-type: none">• Principles of Inheritance and Variation (Class XII, not to be tested).• Molecular Basis of Inheritance. (Class XII, not to be tested).• Ecosystem. (Class XII, not to be tested).• Plant Anatomy.• Cell Membrane and its Models.• Biomolecules.• Cell Cycle and Cell Division.• Respiration in Plants.• Human Respiratory System.• Photosynthesis.• Animal Kingdom.• Human Circulatory System.• Human Excretory System.

COMPUTER SCIENCE

FIRST TERM	SECOND TERM
<ol style="list-style-type: none">1. Data Representation<ol style="list-style-type: none">a. Digital number systemsb. Number conversionsc. Binary arithmetic2. Propositional Logic and Hardware<ol style="list-style-type: none">a. Introductionb. Propositional Logicc. Basic Logic gates3. General OOP Concepts4. Introducing Java5. Java Fundamentals6. Flow of Control	<ol style="list-style-type: none">1. Propositional Logic and Hardware [REVISION]<ol style="list-style-type: none">d. Introduction [REVISION]e. Propositional Logic [REVISION]f. Basic Logic gates [REVISION]2. General OOP Concepts [REVISION]3. Introducing Java [REVISION]4. Java Fundamentals [REVISION]5. Flow of Control [REVISION] 6. Propositional Logic and Hardware<ol style="list-style-type: none">a. More about logic gatesb. Application of logic gates7. Classes in Java8. Functions(Methods)9. Using Library Classes10. Arrays11. Simple Data Structures

HISTORY

FIRST TERM	SECOND TERM
<p>INDIAN HISTORY :</p> <ol style="list-style-type: none"> 1. Growth of Nationalism. <ol style="list-style-type: none"> i. Swadeshi Movement ii. Revolutionary Nationalism 2. Emergence of the colonial economy. <ol style="list-style-type: none"> i. Development of the means of transport ii. Disruption of traditional economy iii. Development of modern industries 3. Social and Religious Movements. <ol style="list-style-type: none"> i. Impact of the modern ideas in Europe on Indian administrators ii. Reform Movements iii. Struggle against caste iv. The women question <p>WORLD HISTORY:</p> <ol style="list-style-type: none"> 1. Impact of Industrialization - in Europe during late 19th & early 20th centuries 2. World War-I – Events leading to it; major changes in warfare & strategy : peace settlements 3. Great Depression 	<p>INDIAN HISTORY :</p> <ol style="list-style-type: none"> 1. Protest Movements against Colonial Rule. 2. Gandhian Nationalism. <ol style="list-style-type: none"> i. Launching of passive resistant movement ii. Agitation against Rowlatt Act, Jalianwala Bagh, Khilafat and Non- Cooperation iii. Simon Commission iv. Civil Disobedience Movement. <p>WORLD HISTORY:</p> <p>Section A</p> <ol style="list-style-type: none"> 1. Economic, social and cultural impact of British Rule. 2. Gandhian Nationalism 3. Towards Independence and Partition <p>Section B</p> <ol style="list-style-type: none"> 1. Impact of Industrialization in Europe during late 19th & early 20th centuries 2. World War I: Events leading to it; major changes in warfare & strategy; peace settlements 3. The Great Depression 4. Rise of Dictatorships

GEOGRAPHY

FIRST TERM	SECOND TERM
<p>UNIT I :</p> <p>1. Geography as a discipline</p> <p>3. Interior of the Earth</p> <p>UNIT II :</p> <p>4. Rocks</p> <p>5. Endogenous processes</p> <p>6. Drifting continents and plate tectonics</p> <p>7. Isotasy</p> <p>UNIT III :</p> <p>9. Exogenous processes</p> <p>10. Soils</p> <p>11. to 16. Diagram based questions will be asked only.</p> <p>UNIT IV :</p> <p>17 to 20. Atmosphere</p> <p>21 to 24. Hydrosphere</p> <p>Map Work [World] – Mountains, Plateaus, Rivers, Water Bodies, Islands.</p>	<p>UNIT I :</p> <p>1. Geography as a discipline</p> <p>UNIT II :</p> <p>3. Interior of the Earth</p> <p>4. Rocks</p> <p>5. Endogenous processes</p> <p>6. Drifting continents and plate tectonics</p> <p>7. Isotasy</p> <p>9. Exogenous processes</p> <p>10. Soils</p> <p>11. to 16. Diagram based questions will be asked only.</p> <p>UNIT III</p> <p>17 to 20. Atmosphere</p> <p>UNIT IV</p> <p>21 to 24. Hydrosphere</p> <p>UNIT V</p> <p>25. & 26. The Biosphere and Biodiversity</p> <p>UNIT VII</p> <p>33. Natural Hazards</p>

ACCOUNTANCY

FIRST TERM	SECOND TERM
<p>1. Introduction of Accounting</p> <p>2. Basic accounting terms</p> <p>3. Bases of accounting and Accounting equation</p> <p>4. Journals</p> <p>5. Ledger</p> <p>6. Cash book</p> <p>7. Trial balance</p> <p>8. Original books of entries</p> <p>9. Bank reconciliation statement</p> <p>10. Bills of exchange</p>	<p>1. Journal</p> <p>2. Ledger</p> <p>3. Trial balance</p> <p>4. Cash book</p> <p>5. Bank reconciliation statement</p> <p>6. Bills of exchange</p> <p>7. Depreciation</p> <p>8. Final accounts (with adjustments)</p> <p>9. Rectification of errors</p>

BUSINESS STUDIES

FIRST TERM	SECOND TERM
<ol style="list-style-type: none">1. Business Environment2. Entrepreneurship3. Business risks and Causes of Failure4. Managers and Managerial Roles5. Authority, Responsibility and Accountability6. Change Management	<ol style="list-style-type: none">1. Business Environment2. Entrepreneurship3. Business risks and Causes of Failure4. Managers and Managerial Roles5. Authority, Responsibility and Accountability6. Change Management7. Automation at Workplace8. Productivity enhancement tools and facilities9. Project work.

COMMERCE

FIRST TERM	SECOND TERM
<ol style="list-style-type: none">1. Classification of Human Activities2. Nature and objectives of Business3. Introduction to Business Organisation4. Sole Trader5. Sole Traders6. Partnership7. Joint stock Company8. Types of companies.9. Formation of a Company.10. Public Enterprises, Public Utilities & Public Private Partnership.11. Co – operative Organization	<ol style="list-style-type: none">1. Social responsibility of Business and Business Ethics2. E-business and Outsourcing3. Stock Exchange4. Wholesale Trade5. Retail Trade6. Procedures and Documents used in Home Trade7. Chambers of Commerce and Industry8. Natures and Scope of Foreign Trade9. Export Trade10. Import Trade11. WTO12. Business Risk and Insurance13. Types of Insurance

ECONOMICS

FIRST TERM	SECOND TERM
<ol style="list-style-type: none"> 1. Basic Concepts of Economics 2. Definition of Economics 3. Basic Problems of an economy 4. Solutions to the basic Economic problems under different Economic Systems 5. Types of Economies 6. The State of the Indian Economy on the Eve of Independence 7. Economic Growth and development 8. Sustainable development 9. Definition, Scope ,Importance and Limitations of Statistics 10. Collection, Organisation and Presentation of data 11. Measures of Central Value 	<ol style="list-style-type: none"> 1. Planning and Economic Development in India. 2. Structural changes in the Indian economy after Liberalisation. 3. The Problem of Poverty in India. 4. Profile of Indian Agriculture and Rural development. 5. Human Capital Formation In India. 6. Employment and Unemployment in India – Problems and Policies. 7. Comparative Study of Indian and Chinese Economies. 8. Measures of Dispersion. 9. Correlation.

PSYCHOLOGY

FIRST TERM	SECOND TERM
<ol style="list-style-type: none"> 1. Subject matter of Psychology <ol style="list-style-type: none"> (i) Fields of Psychology (ii) Heredity & Environment 2. Learning <ol style="list-style-type: none"> (i) What is meant by learning (ii) Learning disabilities, definition and types (symptoms and management) 3. Methods of Psychology <ol style="list-style-type: none"> (i) Scientific methods in Psychology (ii) Interpretation of research results 4. Attention & Perception <ol style="list-style-type: none"> (i) Nature of attention – its inner and outer determination (ii) Perceptual processes (iii) Errors in perception- (iv) What is meant by extra-sensory perception (ESP) 	<ol style="list-style-type: none"> 1. Subject matter of Psychology 2. Learning 3. Methods of Psychology 4. Motivation 5. Emotion 6. Thinking and Reasoning 7. Memory – Remembering and Forgetting

POLITICAL SCIENCE

FIRST TERM	SECOND TERM
<ol style="list-style-type: none"> 1. Introduction to Political Science 2. Fundamental concepts. 3. Origin of the State 4. Political Ideologies 5. Sovereignty 6. Law 	<ol style="list-style-type: none"> 1. Liberty 2. Equality 3. Justice 4. International Relations: An Introduction 5. End of Cold War and its impact on the World Order 6. Disintegration of Soviet Union 7. Unipolar World : US Unilateralism 8. Regional Cooperation : ASEAN and European Union 9. Non-Aligned Movement <p>All the topics from First Term will be included</p>

ENVIRONMENTAL SCIENCE

FIRST TERM	SECOND TERM
<ol style="list-style-type: none"> 1. Modes of Existence 2. Ecology 3. Legal Regimes for Sustainable Development 4. Design and Planning for Environmental Conservation 	<ol style="list-style-type: none"> 1. Pollution 2. Technology and Environment 3. Design and Planning for Environmental Conservation <ul style="list-style-type: none"> • All the topics done in First Term

HOME SCIENCE

FIRST TERM	SECOND TERM
<ol style="list-style-type: none"> 1. Concept of Home Science 2. Nutrition for Self and Family. 3. Role of Nutrients---Proteins, Carbohydrates and Fats. 4. Vitamins. 5. Minerals. 6. Food Groups and Balanced Diet and RDA Allowances for all age groups. 7. My Resources. 8. Management Process and Decision Making 9. Management of Time and Energy <p><u>Practical Syllabus</u></p> <ol style="list-style-type: none"> ii. Project work and Practical file work. 	<ol style="list-style-type: none"> 1. An introduction to fibre science. 2. Yarn making and fabric construction 3. Fabric Finishes. 4. Know little children—Some important aspects of their development. 5. Fundamentals of Banking. 6. Savings and Investments 7. Communication and Extension Education 8. Revision of the entire syllabus. <p><u>Practical Syllabus</u></p> <ol style="list-style-type: none"> i. Project work and Practical file work.