

SRI SRI ACADEMY
SYLLABUS FOR 2017-2018
CLASS-XII

ENGLISH

FIRST TERM	SECOND TERM
<p><u>LITERATURE</u></p> <p>PLAY :- Arms & The Man – Act 3</p> <p>PROSE : 1) The Legend of the Sleepy Hollow</p> <p>2) A Real Durwan</p> <p>3) Old love</p> <p>POETRY : - 1) The Last Ride Together</p> <p>2) Eve of Waterloo</p> <p>3) Breaking out</p>	<p><u>LITERATURE</u></p> <p>PROSE Revision</p> <p>POETRY</p> <p>1. Phenomenal Woman</p> <p>2. Revision</p> <p>PLAY :</p> <p>1. Revision</p>
<p><u>LANGUAGE</u></p> <p>1) Newspaper Report</p> <p>2) Article</p> <p>3) Comprehension</p> <p>4) Grammar – Sentences , Tenses, Preposition</p>	<p><u>LANGUAGE</u></p> <p>1. Essay</p> <p>2. Grammar</p> <p>3. Comprehension</p> <p>4. Guided Writing – Letter of Recommendation , Statement of purpose</p>

HINDI

FIRST TERM	SECOND TERM
<p><u>गद्य</u> गद्य संकलन</p> <ul style="list-style-type: none">• मजबूरी• संस्कृति क्या है ?• दासी• शरणागत• पुत्र प्रेम	<p><u>गद्य</u> गद्य संकलन</p> <ul style="list-style-type: none">• सती• आउटसाइडर• क्या निराश हुआ जाए• भक्तिन• गौरी
<p><u>पद्य</u> काव्य मंजरी</p> <ul style="list-style-type: none">• नदी के द्वीप• अँधेरे का दीपक• बाल लीला• उद्यमी नर• बादल को घिरते देखा	<p><u>पद्य</u> काव्य मंजरी</p> <ul style="list-style-type: none">• एक फूल की चाह• आ: धरती कितना देती है• तुलसी दास के पद• जाग तुझको दूर जाना है• सारवी
आषाढ का एक दिन : तृतीय अंक	आषाढ का एक दिन : पहला और दूसरा अंक
<u>व्याकरण</u> - निबंध , अपठित गद्य , मुहावरे और वाक्य शुद्धिकरण ।	<u>व्याकरण</u> - निबंध
	Full syllabus of First term will also be included

BENGALI (বাংলা)

FIRST TERM	SECOND TERM
<p>• Language (ভাষা)</p> <p>I.S.C. সিলেবাস অনুযায়ী সব ধরনের ব্যাকরণের অভ্যাস প্রবন্ধরচনা বোধপরীক্ষণ</p> <p>Literature</p> <p>উপন্যাস: কোলি (৫৮-১০৭পৃষ্ঠা)</p> <p>গদ্য: ১। লক্ষ্মণের মা ২। একটি তুলসীগাছের কাহিনী ৩। না-পাহারার পরীক্ষা</p> <p>পদ্য: ১। বর্ষপরিচয় ২। যদি নির্বাসন দাও ৩। স্বাধীনতা তুমি</p> <p>এছাড়া I.S.C. সিলেবাস অনুযায়ী সব গল্প ও কবিতা থাকবে</p>	<p>I.S.C সিলেবাস অনুযায়ী ব্যাকরণ , প্রবন্ধ রচনা , বোধপরীক্ষণ এবং সকল প্রবন্ধ , গল্প , কবিতা ও 'কোলি' উপন্যাস থাকবে।</p>

MATHEMATICS

FIRST TERM	SECOND TERM
<p>SECTION-A</p> <ol style="list-style-type: none">1. Inverse trigonometric functions2. Differentiation and continuity.3. Determinants4. Matrices5. Application of derivatives.(Mean value theorems and maxima, minima)6. Integration. <p>SECTION – B</p> <ol style="list-style-type: none">1. Vectors2. Straight line in a space. <p>SECTION – C</p> <ol style="list-style-type: none">1. Linear programming2. Application of calculus in commerce.3. Linear regression.	<p>SECTION-A</p> <ol style="list-style-type: none">1. Definite integrals2. Area under the curve3. Differential equations4. Probability <p>SECTION- B</p> <ol style="list-style-type: none">5. 3-D geometry <p>SECTION-C</p> <ol style="list-style-type: none">6. Linear Programming

PHYSICS

FIRST TERM	SECOND TERM
<ol style="list-style-type: none"> 1. Electric charges and fields 2. Gauss' Theorem 3. Electric potential and potential energy 4. Capacitors and Dielectrics 5. Electric Resistance and Ohm's law 6. D C circuits and measurements 7. Moving charges and magnetism 8. Torque on a Current loop : Moving coil – Galvans meter. 9. Magnetic field & earth's magnetism 10. Magnetic classification of substances. 	<ol style="list-style-type: none"> 1. Electrostatics 2. Current Electricity 3. Magnetic Effects of Current and Magnetism 4. Electromagnetic Induction and Alternating Currents 5. Electromagnetic Waves 6. Optics 18 Marks

CHEMISTRY

FIRST TERM	SECOND TERM
<ul style="list-style-type: none"> • Solutions • Chemical Kinetics • Haloalkanes and Haloarenes • Alcohols Phenols and Ethers • Aldehydes Ketones and Carboxylic acids • Coordination compounds • General principles and processes of isolation of elements • p-block elements 	<ul style="list-style-type: none"> • Carboxylic acid derivatives • Organic compounds containing Nitrogen • Chemistry in everyday life • Electrochemistry • d & f block elements

BIOLOGY

FIRST TERM	SECOND TERM
<ul style="list-style-type: none"> • Reproduction in Organisms. • Sexual Reproduction in Flowering Plants. • Humans Reproduction. • Reproductive Health. • Principles of Inheritance and Variation. • Molecular Basis of Inheritance. • Evolution. • Adolescent issues: - Alcoholism and Drugs. • Microbes in Human Welfare. • Organisms and Populations. 	<ul style="list-style-type: none"> • Reproduction in Organisms. • Sexual Reproduction in Flowering Plants. • Humans Reproduction. • Reproductive Health. • Principles of Inheritance and Variation. • Molecular Basis of Inheritance. • Evolution. • Human Health and Diseases • Adolescent issues: - Alcoholism and Drugs. • Strategies for enhancement in Food production. • Microbes in Human Welfare • Biotechnology – Principles and Processes. • Biotechnology and its Applications. • Organisms and Population.

COMPUTER SCIENCE

FIRST TERM	SECOND TERM
<ol style="list-style-type: none"> 1. Concept of inheritance 2. Recursive data structures 3. Computational complexity 4. Application of logic gates – adders, encoder, decoder, multiplexer. <ul style="list-style-type: none"> • Everything covered in class xi will be included 	<ol style="list-style-type: none"> 1. Exception handling 2. Operations on files 3. Computational complexity <p style="text-align: center;">** The whole ISC syllabus will be included</p>

GEOGRAPHY

FIRST TERM	SECOND TERM
<p><u>Unit- 1</u></p> <ol style="list-style-type: none"> 1. Locational setting of India 2. Geological evolution and structure 3. Relief 4. Drainage 5. Climate 6. Natural vegetation <p><u>Unit 2</u></p> <ol style="list-style-type: none"> 7. Population 8. Migration 9. Demographic attributes 10. Rural settlements 11. Urban settlements. <p><u>Unit-3</u></p> <ol style="list-style-type: none"> 12. Environmental management 13. Water resources 14. Agriculture 15. Fisheries 16. Minerals and power resources <p><u>Unit-5</u></p> <p>17 Regional economic development (case studies)</p> <p style="padding-left: 20px;">Map pointing. Location, mountains, peaks, plains, plateaus, peninsula, lakes, water bodies, passes, rivers, climate, natural vegetation, population.</p>	<p>UNIT3</p> <ol style="list-style-type: none"> 1. Environmental management and land use pattern 2. Water resources and irrigation 3. Agriculture 4. Fisheries 5. Minerals and power resources <p>UNIT-4</p> <ol style="list-style-type: none"> 1. Transport and communication 2. Industries 3. Tourism industry <p>UNIT-5</p> <p>1 Regional economic development.</p> <p>Map pointing</p> <p style="padding-left: 20px;">Location, mountains, peaks, plains, plateaus, peninsula, lakes, water bodies, passes, rivers, climate, natural vegetation, population, resources, agriculture, minerals, power, industries, transport, ports, hinterland, case studies. sketch maps.</p>

HISTORY

FIRST TERM	SECOND TERM
<p><u>INDIAN HISTORY</u></p> <p>1. Towards Independence and Partition the last phase</p> <p>i. Important political development</p> <p>ii. Working of provincial autonomy</p> <p>iii. National Movement during the Second World War.</p> <p>iv. Subhash Chandra Bose</p> <p>v. Transfer of power</p> <p>2. Establishment and development of Indian democracy.</p> <p>i. 1947-1967</p> <p>a. The refugee problem</p> <p>b. The foundation of Indian Democracy</p> <p>c. The foundation of Indian Democracy</p> <p>d. The Linguistic reorganisation of the states.</p> <p>ii. 1967-1977</p> <p>a. Importance of the election of 1967</p> <p>b. Naxal Movement</p> <p>c. JP Movement</p> <p>iii. 1977-1984</p> <p>a. The Janata Government</p> <p>b. Return of the Congress to power</p> <p><u>WORLD HISTORY</u></p> <p>1. World War II</p> <p>2. Cold War 1945-91</p> <p>3. Decolonisation</p>	<p><u>INDIAN HISTORY</u></p> <p>1. India's Foreign Policy.</p> <p>i. Non –Aligned Movement</p> <p>ii. Indo –Pak Wars</p> <p>iii. China</p> <p>2. Social Developments</p> <p>i. Women's Movements</p> <p>ii. Demand for Autonomy (North East)</p> <p><u>WORLD HISTORY</u></p> <p>1. World War II</p> <p>2. Cold War 1945-91</p> <p>3. De colonization</p> <p>4. Middle East</p> <p>5. Protest movements</p>

HOME SCIENCE

FIRST TERM	SECOND TERM
<p>1. Food Preparation.</p> <p>2. Management of agricultural products .</p> <p>3. Meal Planning for Family.</p> <p>4. Consumer Protection.</p> <p>5. Human Development.</p>	<p>1. Resource management</p> <p>2. Textile and clothing</p>

ECONOMICS

FIRST TERM	SECOND TERM
<ol style="list-style-type: none">1. Demand and Law of demand.2. Theory of Consumer Behaviour3. Elasticity of demand.4. Law of supply and elasticity of supply.5. Equilibrium Price and Quantity in a competitive market.6. Law of Returns- Returns to a factor and returns to scale.7. Cost and Revenue Analysis8. Forms of Market.9. Producer's Equilibrium10. Determination of Price and Output under Perfect Competition11. Money: Meaning and Functions12. Banks: Commercial and Central banks.	<ol style="list-style-type: none">1. Theory of Income and Employment.2. Circular Flow of Income.3. National Income Aggregates.4. Methods of Measuring National Income.5. Fiscal Policy.6. Balance of Payments.7. Government Budget.

ACCOUNTANCY

FIRST TERM	SECOND TERM
<p>Partnership Accounts</p> <ol style="list-style-type: none">A. Fundamentals of PartnershipB. Goodwill treatment & ValuationC. Admission of a partnerD. Retirement of a partnerE. Death of a partnerF. Dissolution of a partnership firm. <p>Comparative and Common Size Balance Sheet and Income Statement.</p> <p>Ratio Analysis.</p> <p>.</p>	<ol style="list-style-type: none">1. Issue of Shares.2. Issue of Debentures.3. Redemption of Debentures.4. Final accounts of companies.5. Cash Flow Statement. <p>(Including 1st term syllabus)</p>

BUSINESS STUDIES

FIRST TERM	SECOND TERM
<ol style="list-style-type: none">1. Staff Recruitment2. Staff Training3. Staff Morale4. Staff Remuneration5. Staff Motivation6. Staff Leadership7. Staff Appraisal8. Staff Promotion and Transfer9. Staff Dismissal10. Communication11. Oral Communication12. Telephone13. Visual Communication14. Mail and Post office services.	<ol style="list-style-type: none">1. Business correspondence2. Report Writing3. Meetings4. Full 1st term syllabus

COMMERCE

FIRST TERM	SECOND TERM
<ol style="list-style-type: none">1. Business Environment2. Capital- Fixed and working3. Sources of Finance for a Joint Stock Company.4. Banking- Latest Trends5. Management- Meaning, Nature and Importance6. Principles of Management7. Functions of Management and Coordination8. Planning9. Directing10. Staffing	<ol style="list-style-type: none">1. Controlling2. Marketing – concepts & Functions3. Marketing Mix4. Consumer protection

PSYCHOLOGY

FIRST TERM	SECOND TERM
<ol style="list-style-type: none">1. Intelligence and Ability2. Personality3. Stress and Stress Management4. Applications of Psychology.5. Abnormal Psychology	<ol style="list-style-type: none">1. Life span2. Attitude3. Social thoughts and social behaviour4. Revision of the 1st term syllabus

POLITICAL SCIENCE

FIRST TERM	SECOND TERM
<ol style="list-style-type: none">1. Constitution of India : The Preamble2. Salient Features of Indian Constitution3. Fundamental Rights4. Directive Principles of State Policy5. Local Self Govt6. Democracy in India7. Forms of Govt.	<ol style="list-style-type: none">1. Forms of Government2. Constitution3. Franchise & Representation4. The Legislature5. The Executive6. The Judiciary7. Indian Constitution – Preamble, Salient Features8. Fundamental Rights & Directives Principles9. Local Self – Government10. Democracy in India

ENVIRONMENTAL SCIENCE

FIRST TERM	SECOND TERM
<ol style="list-style-type: none">1. Human Beings and Nature2. Population Ecology3. Conservation Ecology4. Sustainable Agriculture5. Environmental and Natural Resource Economics	<ol style="list-style-type: none">1. Pollution Monitoring2. 3rd world development.3. International relation and environment.4. All the topics done in 1st term