

SRI SRI ACADEMY
FIRST TERMINAL SYLLABUS 2018-2019

CLASS - XII

ENGLISH

ENGLISH LITERATURE

1. The Tempest- Acts IV,V
2. Prose- To Build a Fire, Singing Lesson.
3. Poetry- Birches, John Brown, The Spider and the Fly.

ENGLISH LANGUAGE

1. Compositions- Two
2. Reports- Two
3. Comprehension- Two
4. Grammar- Re-writing sentences, Prepositions, Tenses.

➤ The entire Class XI syllabus

MATHEMATICS

Relation and function, Binary operation

Calculus : Differentiation continuity & differentiability

2nd order derivative, Rolle's and Lagrange's Theorem, Application of derivative.

Inverse Trigonometry functions,

L' Hospital's Rule

+

Section –C (Application of derivatives),

Regression Analysis

Section –B(Vectors)

Integration

Definite Integrals

Differential equations

Revision

Determinants & Matrices

HINDI

गद्य संकलन	काव्य मंजरी
<ul style="list-style-type: none">• दासी• संस्कृति क्या है• भक्तिन• गौरी• आउट साइडर	<ul style="list-style-type: none">• नदी के द्वीप• जाग तुझको दूर जाना है• आ:धरती कितना देती है• साखी• तुलसी दास के पद
व्याकरण—निबंध, अपठित गद्यांश, वाक्य - शुद्धिकरण तथा मुहावरे(पृष्ठ-249-253 ।)	
आषाढ का एक दिन— तृतीय अंक	

BENGALI (বাংলা)

- LANGUAGE (ভাষা)

I.S.C. সিলেবাস অনুযায়ী সব ধরনের ব্যাকরণের অভ্যাস
প্রবন্ধরচনা
বোধপরীক্ষণ

LITERATURE

উপন্যাস: কোনি (৫৮-১০৭পৃষ্ঠা)

গদ্য: ১। লক্ষ্মনের মা
২। একটি তুলসীগাছের কাহিনী
৩। না-পাহারার পরীক্ষা

পদ্য: ১। বর্ণপরিচয়
২। যদি নির্বাসন দাও
৩। স্বাধীনতা তুমি

এছাড়া I.S.C. সিলেবাস অনুযায়ী সব গল্প ও কবিতা থাকবে

PHYSICS

- Chapter 1 : Electric Charges And Field
- Chapter 2 : Gauss' Theorem
- Chapter 3 : Electric Potential And Potential Energy
- Chapter 4 : Capacitors And Dielectrics
- Chapter 5 : Electric Resistance And Ohm's Law
- Chapter 6 : D.C.Circuits And Measurements
- Chapter 7 : Moving Charges And Magnetism
- Chapter 8 : Torque On A Current-Loop: Moving Coil Galvanometer
- Chapter 9 : Magnetic Field And Earth's Magnetism
- Chapter 10 : Magnetic Classification Of Substances
- Chapter 11 : Rotational Motion Of A Rigid Body : Moment Of Inertia

Practical

1. To determine the focal length of a convex lens using parallax method.
2. To determine the specific resistivity of an unknown resistance using metering bridge.

CHEMISTRY

- 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
- Polymers
- Chemistry in everyday life
- Chemical Kinetics
- Solutions

Practical

1. Volumetric Analysis
2. Salt Analysis
3. Identification of Organic Compounds
4. Study of rate of reactions

BIOLOGY

- Reproduction in Organisms.
- Sexual Reproduction in Flowering Plants.
- Humans Reproduction.
- Reproductive Health.
- Principles of Inheritance and Variation.
- Molecular Basis of Inheritance.
- Evolution.

- Biotechnology – Principles & Processes.
- Biotechnology & its Application.
- Microbes in Human Welfare.
- Human Health & Diseases.

Practical

- Study of Soil from three different sites on the basis of five Parameters (Texture, Moisture Content, Humus Content, Water Holding Capacity, pH.)
- Floral Characteristics of Malvaceae, Solanaceae..
- Sectioning of T.S. of Ovary of a flower with axile placentation.
- Spot Identifications.
- Study of effect of Enzyme action of Alpha amylase on Starch solution (Temperature)
- Study of xeric and aquatic plants and animal adaptation with the help of models/charts.

COMPUTER SCIENCE

Chapter	Topic
Revision	Functions/ Methods, Arrays, K-map
7	Arrays & Strings (Manipulation)
11	Recursion
12	Inheritance
14	Simple Data Structure
	Full syllabus of Class XI 2017 - 18

Practical

Same as theory

ECONOMICS

Chapter 1: Demand and Law of Demand Chapter 2: Theory of Consumer Behaviour Chapter 3:

Elasticity of Demand

Chapter 4: Law of Supply and price elasticity of supply

Chapter 5: Market mechanism: Equilibrium price and quantity in a competitive market

Chapter 6: Laws of returns

Chapter 7: Cost and revenue analysis

Chapter 8: Forms of market

Chapter 9: Producer's equilibrium

Chapter 10: Determination of price and output under perfect competition

Chapter 11: Money: Meaning and functions Chapter 12: Commercial bank and central bank

ACCOUNTS

1. Partnership Accounts

- a. Fundamentals of Partnership.
- b. Goodwill – Concept and Mode of Valuation.

2. Reconstitution of Partnership

- a. Admission of Partner b. Retirement of Partner c. Death of a Partner
- d. Dissolution of Partnership Firm.

3. Financial Statement Analysis.

Comparative and Common Size Balance Sheet and Income Statement.

4. Ratio Analysis

5. Cash Flow Statement.

COMMERCE

1. Business Environment

2. Financing

- a. Capital – Fixed and Working capital.
- b. Sources of Finance for Joint Stock Company.
- c. Banking – Latest Trends.

3. Management

- a. Meaning, Nature and Importance.
- b. Principles of Management
- c. Functions of management and coordination.
- d. Planning
- e. Staffing
- f. Directing.

BUSINESS STUDIES

1. Introduction to Human resource Management

2. Job and Manpower planning

3. Staff Recruitment

4. Staff Selection

5. Staff Training

6. Staff Morale

7. Staff Motivation

8. Staff Remuneration

9. Staff Leadership

10. Staff Appraisal

11. Globalization

12. E-Business and Out sourcing.

13. Staff Promotion & Transfer

POLITICAL SCIENCE

- 1) Forms of Government
- 2) Constitution
- 3) Franchise and Representation
- 4) Organs of the Government : the Legislature
- 5) Indian Constitution: Preamble & Salient Features
- 6) Fundamental Rights and Directive Principles
- 7) Local Self - Government

HISTORY AND CIVICS

INDIAN HISTORY

SI No	Topics
1.	Towards Independence and Partition the last phase(1935-1947) i. Important political developments: Growth of Socialist ideas, trade union activities, Kisan Sabha Movement; growth of communalism (Hindu & Muslim) ii. Working of provincial autonomy: Congress and other ministries iii. National Movement during the Second World War iv. Subhash Chandra Bose and the INA v. Transfer of power(1945-1947)
2.	Establishment and development of Indian democracy(1947-1966) i. The refugee problem, the transfer of assets and the river waters dispute ii. Origin of the Kashmir Problem iii. The foundation of Indian Democracy iv. The Linguistic reorganisation of states
3.	India's Foreign Policy. i. Non –Aligned Movement ii. Indo –Pak Wars iii. Sino-Indian War (1962)

WORLD HISTORY

1.	World War II
2.	Decolonization - in Asia (China) and Africa (Ghana & Kenya)
3.	Cold War 1945 – 1991 – origin, course, end and impact

GEOGRAPHY

Physical Environment

- Locational setting of India
- Geological evolution and structure
- Relief
- Drainage
- Climate
- Natural Vegetation

Population and Human Settlement

- Population
- Migration trends
- Demographic attributes
- Rural settlements
- Urban settlements

Regional Economic Development

- Regional Economic Development (Case studies)

Locational setting of India, Mountains, Peaks, Plains, Plains, Peninsula, Lakes and Water bodies, Passes, Rivers, Climate of India, Natural vegetation, Population, Hinterland, Chhatisgarh region, Bangaluru and hinterland of Haldia.

- Environmental Management and land use pattern.
- Water Resources and Irrigation in India.

ENVIRONMENTAL SCIENCE

- Humans Beings and Nature.
- Monitoring Pollution.
- Sustainable Agriculture.
- International Relationship and the Environment.
- Population Ecology.

PSYCHOLOGY

1. Intelligence and Ability
2. Personality
3. Stress and Stress Management
4. Applications of Psychology.
5. Abnormal Psychology

PHYSICAL EDUCATION

Part - A

Basketball
Badminton

Part – B

Sociological Aspect of Physical
Education
Training Methods
Career Aspects in Physical Education
Competitions and Tournaments

HOME SCIENCE

1. Consumer Education
2. Consumer Aids
3. Consumer Protection
4. Food Adulteration
5. Principles and reasons of cooking food.
6. Food Preservation
7. Food Groups and Balanced Diets.
8. Meal Planning for an individual
9. Planning meals for family and its modification for special conditions—with RDA Allowances for all age groups.
10. Know Myself --- Understanding adolescents.
11. Cognitive development among adolescents
12. Social and emotional development during adolescence
13. Safety in the Home and kitchen sanitation