

**SRI SRI ACADEMY
FIRST TERM SYLLABUS (2024-25)
CLASS - XII**

ENGLISH LANGUAGE

1. Composition- (400-450 words)-
 - a) Narrative
 - b) Descriptive,
 - c) Argumentative
 - d) Reflective
 - e) Discursive
 - f) Original short story
2. A. Directed Writing- (250-300 words)
 - a. Newspaper Report
 - b. Feature Article
 - c. Book Review
 - d. Speech
 - e. Statement of PurposeB. Proposal Writing- (150 words)- Introduction- Objectives- List of Measures- Concluding sentence
3. Comprehension
4. Functional Grammar-Transformation of sentences, Prepositions and Phrasal Verbs, Tenses.

ENGLISH LITERATURE

I Drama- Macbeth: William Shakespeare- Acts III & IV

II Prism: A Collection of ISC Short Stories

1 Atithi/ Guest- Rabindranath Tagore

2 The Cookie Lady

3 There Will Come Soft Rains- Ray Bradbury

III Rhapsody: A Collection of ISC Poems

1. Telephone Conversation- Wole Soyinka

2. Tithonus- Lord Alfred Tennyson

3. Beethoven- Shane Koyczka

PHYSICS

1. Electric Charges and Fields
2. Gauss's theorem
3. Electrostatic Potential, Potential Energy
4. Capacitance
5. Current Electricity
6. D.C. Circuit
7. Moving charges and magnetism
8. Magnetism and Matter
9. Electromagnetic Induction
10. Alternating Currents
11. Electromagnetic Waves
12. Dual Nature of Radiation and Matter

CHEMISTRY

1. Solutions
2. Chemical Kinetics
3. Coordination Compounds
4. d & f block elements
5. Haloalkanes & haloarenes
6. Alcohols, Phenols & Ethers
7. Aldehydes & Ketone

BIOLOGY

1. Sexual Reproduction in Angiospermic Plant.
2. Human Reproduction.
3. Reproductive Health.
4. Principles of Inheritance and Variation.
5. Evolution. (Origin of Life, Evidences & Theories of Evolution & Human Evolution).
6. Human Health and Diseases.
7. Microbes in Human Welfare.
8. Organisms and Population.
9. Ecosystem.
10. Biodiversity

ACCOUNTANCY

- .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
3. Final Accounts of Companies- Application of Schedule III
4. Financial Statement Analysis.

Comparative and Common Size Balance Sheet and Income Statement.

5. Ratio Analysis.
6. Issue of Shares
7. 1st Council Project

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. Planning
 - d. Staffing
 - e. Directing.
4. 1st Council Project

ECONOMICS

1. Ch 2- Demand and Law of demand
2. Ch 3- Theory of Consumer Behaviour
3. Ch 4- Elasticity of Demand
4. Ch 5- Supply and Elasticity of supply
5. Ch 6- Market Mechanism
6. Ch 7- Laws of Returns
7. Ch 8- Theory of Cost and Revenue Analysis
8. Ch 9- Forms of Market Structure
9. Ch 10- Producer's Equilibrium
10. Ch 11- Determination of Equilibrium Price and Output under market conditions
11. Ch 15- Balance of Payments

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. Various Business Entities
12. Globalization
13. E-Business
14. Outsourcing.

MATHEMATICS

SEC-A

1. Relations & Functions
2. Inverse Trigonometric Functions
3. Matrices
4. Determinants
5. Continuity & Differentiability (including differentiation upto 2nd order derivatives)
6. Rate Measure
7. Tangent & Normal
8. Increasing & decreasing Functions
9. Maxima & Minima

SEC- B

1. Vectors

SEC-C

1. Application of Calculus in Commerce & Economics

GEOGRAPHY

1. Locational Setting Of India
2. Geological Evolution And Structure
3. Relief
4. Drainage
5. Climate
6. Natural Vegetation
7. Population
8. Migration Trends
9. Demographic Attributes
10. Rural Settlements
11. Urban Settlements
12. Regional Economic Development
13. Practical Work:- Scales, Representation of relief
14. Map pointing.

(Students have to complete one project during the entire session. Pre-field study and Field survey have been done and checked. Students are planning to do the Post field study now.)

HISTORY

Indian History

1. Moving towards Independence and Partition (1935-47)
2. Establishment and Development of Indian Democracy
3. Challenges to Indian Democracy

World History

1. Second World War
2. Decolonisation in Asia and Africa
3. Cold War

POLITICAL SCIENCE

1. Forms of Government (1): Totalitarian & Authoritarian & Liberal Democracy
2. Forms of Government (2): Unitary, Federal & Quasi-Federal government
3. Forms of Government (3): Presidential & Parliamentary Government
4. Constitution
5. Franchise & Representation
6. Preamble & Constitution & its salient features
7. The Fundamental Rights
8. The Directive Principles of State Policy
9. Local Self Government

SOCIOLOGY

1. Social institutions
2. Religion and society
3. Political organization
4. Economic organization
5. Tribal India- Past, present and future

HINDI

गद्य

- भक्तिन
- मजबूरी
- संस्कृति क्या है

पद्य

- बादल को घिरते है
- जाग तुझको दूर जाना

नाटक

- आषाढ़ का एक दिन
- तीसरा अंक

व्याकरण

- अपठित गद्यांश
- मुहावरे
- अशुद्धि शोधन
- निबंध

PSYCHOLOGY

1. Intelligence and ability
2. Social thought and social behaviour
3. Stress
4. Personality
5. Psychological Disorders
6. Attitude
7. Project on Stress

PHYSICAL EDUCATION

SECTION "A"

1. Sociological Aspects of Physical Education.
2. Training Methods.
3. Career Aspects in Physical Education.

SECTION "B"

1. Basketball.
2. Badminton.
3. Volleyball.
4. Football

ENVIRONMENTAL SCIENCE

1. Humans Beings and Nature.
2. Population Ecology.
3. Conservation Ecology.
4. Pollution Monitoring.
5. The Third World Development.
6. International Relation & their Environment.

COMPUTER SCIENCE

1. Boolean Algebra
2. Computer Hardware
- JAVA Revision Tour:
3. Objects and Classes
4. Primitive Values, Types Casting and Expressions
5. Statements, Control Structures and Scope
6. Functions / Methods
7. Array and Strings
8. Compiling and Running Java Programs
9. Java Classes: An OOP Perspective
10. Recursion
11. Simple Data Structure
12. Recursive Data Structures: Introducing Binary Trees

HOME SCIENCE

1. Food preparation—
 - a. Principles, reasons, methods, new technologies.
 - b. Preliminary treatment of foods before cooking
 - c. Culinary terms
 - d. Effects of cooking on food components.
 - e. Methods of increasing nutritive value of foods.
2. Consumer Education
 - a. Consumer protection
 - b. Consumer aids
 - c. Problems faced by consumers
3. Traditional textiles
Woven textiles: Baluchari, Chanderi, Kanjeevaram, Benarasi, Jamdani, Kani shawls.
4. Resource Management
 - a. Savings and investment.
 - b. Avenues and schemes for savings and investments offered by different financial institutions.
5. Meal Planning for the Family.
 - a. Objectives of meal planning. Nutritional adequacy.
 - b. Factors affecting the food selection
 - c. Meal Planning for various age groups
 - d. Eating disorders; developing good food habits
 - e. Special diets.