

SRI SRI ACADEMY
SECOND TERMINAL SYLLABUS 2018-2019
CLASS - XI

ENGLISH

1. Composition
 2. Report Writing- all that we do in class
 3. Proposal Writing
 4. Comprehension
 - 5 Grammar
- ISC QP FORMAT

- A) The Tempest - Acts I, II, III
- B) Echoes - 1. Salvatore,
2. Fritz,
3. Quality
4. The Chinese Statue,
5. A Gorilla in the Guest Room
- C) Reverie - 1. The Dolphins,
2. The Gift of India,
3. Desiderata,
4. The Spider and the Fly,
5. John Brown

HINDI

गद्य संकलन	काव्य मंजरी
<ul style="list-style-type: none">● गौरी● सती● शरणागत● भक्तिन	<ul style="list-style-type: none">● उद्यमी नर● तुलसी के पद● आ धरती कितना देती।
नाटक - आषाढ़ का एक दिन - दूसरा अंक	
व्याकरण - निबंध, अपठित गद्यांश, वाक्य- शुद्धिकरण, मुहावरें।	

BENGALI (বাংলা)

- Language (ভাষা)

বাক্যপরিবর্তন

বাগধারা

ভুলসংশোধন

প্রবন্ধরচনা

বোধপরীক্ষণ

- Literature

উপন্যাস: কোনি (১৮-৫৫পৃষ্ঠা)

গদ্য: ১। তাসের ঘর

২। অনাচার

৩। বীরশূঙ্ক

পদ্য: ১। সালেমনের মা

২। বাবরের প্রার্থনা

৩। রাস্তা কারও একার নয়

৪। নুন

MATHEMATICS - General

SECTION – A

- 1) Sets
- 2) Relations and Functions
- 3) Trigonometry
- 4) Complex numbers
- 5) Quadratic equations
- 6) Permutations and Combinations
- 7) Binomial Theorem
- 8) Sequence and Series
- 9) Straight lines
- 10) Circles
- 11) Limits and derivatives
- 12) Statistics

SECTION - B

- 1) Conic Sections (only Parabola)

SECTION - C

- 1) Statistics
- 2) Correlation Analysis
- 3) Index number and Moving Averages

MATHEMATICS - Pinnacle

SECTION – A

- 1) Sets
- 2) Relations and Functions
- 3) Trigonometry
- 4) Complex numbers
- 5) Quadratic equations
- 6) Permutations and Combinations
- 7) Binomial Theorem
- 8) Sequence and Series
- 9) Straight lines
- 10) Circles
- 11) Statistics
- 12) Linear Inequalities

SECTION - B

- 1) Mathematical Reasoning
- 2) Mathematical Induction

PHYSICS – General & Pinnacle

- Dimensional analysis
- Motion in a plane
- Newton's laws of motion
- Friction
- Uniform circular motion
- Centre of mass
- Rotational motion of a rigid body
- Elasticity
- Flow of liquids
- Thermodynamics
- Isothermal and adiabatic processes
- Heat engine: second law of thermodynamics
- Simple harmonic motion
- Waves
- Wave motion
- Superposition of waves: interference and beats
- Superposition of waves: vibration of air columns
- Vibrations of stretched strings
- Doppler effect

CHEMISTRY - General & Pinnacle

- Structure of atom
- Classification of elements and periodicity in properties
- Chemical bonding
- Chemical thermodynamics
- Equilibrium - chemical & ionic
- Redox reactions
- S- block elements
- P-block elements
- Organic chemistry (nomenclature , isomersim, reaction mechanism)
- Hydrocarbon (alkane, alkene, alkyne, aromatic compounds)

BIOLOGY

- Human Circulation – Body Fluids.
- Cell Cycle & Cell Division.
- Transport in Plants.
- Human Excretion.
- Movement & Locomotion.
- Photosynthesis.
- Anatomy of Flowering Plants.
- Human Endocrine System.
- Respiration in Plants.
- Human Respiratory System.
- Mineral Nutrition.
- Nervous System in Humans.
- Biological Classification (Monera+ Protista+ Fungi+ Virus).
- Kingdom Plantae.
- Animal Kingdom.
- Bio molecules.
- Structural Organization of Cell.
- Human Digestive System.

COMPUTER SCIENCE

1. Propositional Logic and Hardware
 - a. Introduction
 - b. Propositional Logic
 - c. Basic Logic gates
2. General OOP Concepts
3. Introducing Java
4. Java Fundamentals
5. Flow of Control
6. Propositional Logic and Hardware
 - a. More about logic gates
 - b. Application of logic gates
7. Classes in Java
8. Functions / Methods
9. Arrays

ECONOMICS

1. Basic Concepts of Economics
2. Basic Problems of an Economy
3. Types of Economies
4. Solutions to the Basic Economic Problems under different Economies
5. State of the Indian economy on the eve of Independence
6. Economic Growth and Development
7. Sustainable Development
8. Structural Changes in the Indian Economy
9. The Problem of Poverty
10. Human Capital Formation
11. Employment and Unemployment
12. Indian and Chinese economy
13. Definition, Scope, Importance and Limitations of Statistics
14. Measures of Central Tendency
15. Measures of Dispersion

ACCOUNTS

1. Introduction to Accounting
2. Basic accounting terms
3. Bases of accounting
4. Accounting equation
5. Journals
6. Ledger
7. Cash book (including petty cash book)
8. sub division of journal
9. Trial balance
10. Bank reconciliation statement
11. Depreciation
12. Bills of exchange
13. Capital and Revenue Expenditure and Income
14. Final accounts with and without adjustments.
15. Rectification of Errors
16. Non Trading Organisation
17. Accounts from Incomplete Records.

COMMERCE

1. Classification of Human Activities – Economic and Non- Economic
2. Nature and Objectives of Business.
3. Classification of Business Activities.
4. Introduction to Business Organizations
5. Sole Trader
6. Partnership
7. Joint Stock Company
8. Types of Companies
9. Formation of Company
10. Public Enterprises, Public Utilities and Public Private Partnerships
11. Cooperative Organisation
12. Social Responsibilities of Business and Business Ethics
13. E – Business and Outsourcing
14. Stock Exchange
15. Wholesale Trade
16. Retail Trade
17. Procedure and Documents used in Hone Trade
18. Chambers of Commerce and Industry
19. Nature and Scope of Foreign Trade
20. Export Trade
21. Import Trade
22. World Trade Organization
23. Business Risks and Insurance
24. Types of Insurance

BUSINESS STUDIES

1. Business Environment
2. Entrepreneur
3. Business Risk and Causes of Failure
4. Manager and Managerial Roles.
5. Authority, Responsibility and Accountability
6. Change Management
7. Automation at Workplaces.
8. Productivity Enhancement Tools and Facilities.

POLITICAL SCIENCE

SECTION – A

1. Introduction to Political Science
2. Fundamental Concept
3. The origin of the state
4. Political Ideologies
5. Sovereignty
6. Law
7. Liberty
8. Equality
9. Justice

SECTION - B

1. End of the Cold war
2. Disintegration of the Soviet Union
3. Unipolarity
4. Regional Cooperation
5. The Non-Aligned Movement

HISTORY

INDIAN HISTORY

1. Growth of Nationalism.
 - i. Swadeshi Movement
 - ii. Revolutionary Nationalism
2. Emergence of the colonial economy.
 - i. Development of the means of transport
 - ii. Disruption of traditional economy
 - iii. Development of modern industries
 - iv. Colonial Forest Policy
3. Social and Religious Movements.
 - i. Impact of the modern ideas in Europe on Indian administrators
 - ii. Reform Movements
 - iii. Struggle against caste
 - iv. The women's question

4. Protest Movements against Colonial Rule.
5. Gandhian Nationalism.
 - i. Launching of passive resistant movement
 - ii. Agitation against Rowlatt Act, Jalianwala Bagh, Khilafat and Non- Cooperation
 - iii. Simon Commission
 - iv. Civil Disobedience Movement

World History

1. Impact of the Second phase of industrialization in Europe during the late 19th and 20th century
2. World war – I
3. Peace settlements after World war I and the establishment of the League of Nations
4. The Great Depression
5. Rise of Communism: Russia 1917-1939
6. Rise of Fascism: Italy (1919-1939)
7. Rise of Nazism: Germany (1933 – 1939)
8. Rise of Militarism: Japan (1919 – 1937)

GEOGRAPHY

UNIT -2

1. Interior of the earth.
2. Rocks.
3. Endogenous process and associated landforms.
4. Drifting of continents and plate tectonics.
5. Isostasy.
6. Volcanoes and earthquakes.
7. Exogenous processes and associated landforms,
8. Soils,
9. Fluvial processes and associated landforms.
10. Aeolian processes and associated landforms.
11. Work of ground water and associated landforms.
12. Marine processes and associated landforms,
13. Coral reefs.

UNIT-3

1. Composition and structure of the atmosphere,
2. Insolation and temperature
3. Atmospheric pressure and wind.
4. Atmospheric moisture.

UNIT-4

1. Submarine relief,
2. Marine life and deposits.
3. Temperature, salinity and density of ocean water.
4. Ocean water movement.

UNIT-5

- 1.The biosphere.
- 2.Biodiversity,
- 3.Biodiversity for sustenance of mankind.
- 4.India as a mega diversity nation.
- 5.Loss of biodiversity.
- 6.Strategies for conservation of biodiversity.

UNIT-6

1. World climatic types.
2. Climate change.

UNIT-7

1. Natural hazards : Their causes and management.

MAP POINTING:

1. Mountains, 2. Plateaus 3. Water bodies. 4. Rivers. 5. Ocean currents. 6. Islands.
7. Climatic regions.

SOCIOLOGY

1. Social Structure – a. social groups (community and association, primary group, secondary group, reference group, in and out group, organized and unorganized groups)
b. status and role (status and types, role and role conflict, role stereotypes, looking glass self)
c. Social processes (Cooperation, competition and conflict)
2. Social Problems- overpopulation (poverty, unemployment, illiteracy), child labour, juvenile delinquency, problems of the aged
3. Indian Sociologists- Radha kamal Mukherjee- social ecology, G.S.Ghurye- origin of the caste system, N.K.Bose- the Hindu Method of Tribal Absorption, Irawati Karve- Kinship and the family, M.N.Srinivas- concepts of Brahminization and Sanskritization
4. All topics covered in First Term

ENVIRONMENTAL SCIENCE

- Modes of Existence.
- Ecology.
- Legal Regimes for Sustainable Development.
- Design and Planning for Environmental Conservation & Protection.
- Pollution.
- Technology & Environment.

PSYCHOLOGY

1. The subject Psychology
2. Methods of Psychology
3. Attention and Perception
4. Emotion and Motivation
5. Learning
6. Remembering and Forgetting
7. Thinking, problem solving and Creativity

PHYSICAL EDUCATION

PART – A

- I. Individual Aspect and Group Dynamics
- II. Nutrition, Weight Control and Exercise
- III. Physical Fitness and Wellness
- IV. Games and Sport – A Global Perspective

PART – B

- I. Basketball
- II. Badminton

HOME SCIENCE

1. Concept and Scope of Home Science
2. Food and Health
3. Resource Management .(a) Efficient Management of resources- material, human and community. (b) Need for Management at home, components of Management, Decision making. (c) Savings and Investments (d)Fundamentals of banking
4. Human Development (a) Introduction to the study Human Development. (b)Periods of growth and development during childhood (c) Philosophy of Human Development
5. Textile and clothing (a) Textile fibres (b)Fabric Construction (c)Textile finishes. Introduction to communication and extension.