

SRI SRI ACADEMY
FIRST TERMINAL SYLLABUS 2018-2019

CLASS - XI

ENGLISH

English Literature

1. The Tempest- Act1, Act 2
2. Prose- Salvatore, Fritz, Quality.
3. Poetry- Gift of India, John Brown, Desidereta.

English Language

1. Compositions- Narrative, Descriptive, Argumentative, Reflective, Story Writing.
2. Comprehension- Two
3. Reports- Three
4. Grammar- Rewriting sentences, prepositions, tenses.

MATHEMATICS

Trigonometry

Continuation of Trigonometry

Set and Function

Conic Section (SEC-B) / Statistics (SEC- C)

Limits and Derivative

Continuation of calculus

Permutation and Combination

Bionomial Theorem

Mathematical Reasoning (sec – B) / Revision

Statistics (SEC- A)

HINDI

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

BENGALI (बांग्ला)

- LANGUAGE (भाषा)

वाक्यपरिवर्तन

वागधारा

भूलसंशोधन

प्रबन्धरचना

बोधपरीक्षण

- LITERATURE

उपन्यास: कानि (१-१५पृष्ठा)

गद्य: १। ठाकुरदा

२। जोड़ासाँकोर धारे

३। आदाब

४। रेकर्ड

पद्य: १। ओरा काज करे

२। बनलता सेन

३। पूब पश्चिम

PHYSICS

- Chapter 2 : Units And Measurement : Error Analysis
- Chapter 3 : Dimensional Analysis
- Chapter 4 : Motion In A Straight Line
- Chapter 5 : Motion In A Plane
- Chapter 6 : Newton's Laws Of Motion
- Chapter 7 : Friction
- Chapter 8 : Uniform Circular Motion
- Chapter 9 : Work, Energy And Power
- Chapter 10 : Centre Of Mass
- Chapter 11 : Rotational Motion Of A Rigid Body : Moment Of Inertia

CHEMISTRY

(Term wise division of topics to be taught)

- 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, Isomerism
- Redox Reactions.
- Hydrogen.

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.

COMPUTER SCIENCE

- Data Representation
- Propositional Logic & Hardware
- General OOP Concepts
- Introducing JAVA
- JAVA Fundamentals
- Flow of Control
- Classes in JAVA

ECONOMICS

1. Basic Concepts of Economics
2. Definition of Economics
3. Types of Economies
4. Basic Problems of an economy
5. Solutions to the basic economic problems under different economic systems
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

ACCOUNTANCY

- 1) Introduction of accounting
- 2) Basic accounting terms
- 3) Bases of Accounting AND Accounting equation
- 4) Journal
- 5) Ledger
- 6) Cash book (including Petty cash book)
- 7) Sub division of Journals
- 8) Trial Balance
- 9) Bank Reconciliation Statement
- 10) Bills of Exchange
- 11) Capital and Revenue Expenditure and Income

COMMERCE

1. Classification of Human Activity
2. Nature and Objective of Business
3. Classification of Business Activities
4. Introduction to Business Organisation
5. Sole Trader
6. Partnership
7. Joint Stock Company
8. Types of Companies
9. Formation of a Company
10. Public Enterprise, Public Utilities and PPP
11. Cooperative Organisation
12. Social Responsibility of Business and Business Ethics

BUSINESS STUDIES

1. Business Environment
2. Entrepreneurship
3. Business Risks and Causes of Failure
4. Managers and Managerial Roles
5. Authority, Responsibility and Accountability
6. Change Management

POLITICAL SCIENCE

- 1) Introduction to Political Science
- 2) The Origin of the State
- 3) Political Ideologies (Part)
- 4) End of Cold War and its impact on the World Order
- 5) Unipolar World

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 and communication
 - 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- Brahmo Samaj, Arya Samaj, Aligarh Movement
 - iii. Struggle against caste- Jyotibha Phule, Narayan Guru, Veerasalingam
 - iv. The women's Question

World History

1. Impact of second phase of Industrialization in Europe during the late 19th & early 20th centuries
 2. World War I; Causes, Events leading to it; major changes in warfare & strategy; peace settlements
 3. Peace Settlements after World War I & the establishment of the League of Nations
 4. The Great Depression
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1. Rise of Fascism: Italy (1919-1939)
 2. Rise of Nazism: Germany (1933 – 1939)
 3. Rise of Militarism: Japan (1919 – 1937)

GEOGRAPHY

I)Unit-1

Geography as a discipline.

2) Unit-2

- i) Age and origin of the earth
- ii) Interior of the earth,
- iii) Rocks,
- iv) Endogenous processes and associated landforms,
- v) Drifting of continents and plate tectonics,
- vi) Isostasy,
- vii) Volcanoes and earthquakes,
- viii) Exogeneous processes and landforms,
- ix) Soils,
- x) Fluvial processes and landforms,
- xi) Aeolian processes and landforms,
- xii) Glacial processes and landforms,
- xiii) Work of ground water and landforms.

- xiv) Marine processes and landforms,
- xv) Coral reef.

3) Unit- 5

- i) The biosphere,
- ii) Biodiversity,
- iii) Biodiversity for sustenance of mankind,
- iv) India as a megadiversity zone,
- v) loss of biodiversity,
- vi) conservation of biodiversity.

4) Unit-6

- i) World climatic type.
- ii) Climate change.

5) Map pointing:

- i) Mountains,
- ii) Plateau,
- iii) Water bodies,
- v) Climatic regions.

SOCIOLOGY

1. Origin and development of Sociology and Anthropology

- i. Emergence of Sociology and Anthropology as disciplines
- ii. Sociology and other social Sciences
- iii. Classical Thinkers and theories- Auguste Comte, Herbert Spencer, Emile Durkheim, Max Weber, Karl Marx

2. Research Methodology

- i. Definition and importance of social research
- ii. methods of sociology and anthropology
- iii. tools of data collection

3. Basic Concepts

- i. Individual and society
- ii. Socialization-Man as a Social Animal
Culture- Notion and attributes of culture

ENVIRONMENTAL SCIENCE

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

PSYCHOLOGY

1. Subject matter of Psychology
 - (i) Fields of Psychology
 - (ii) Heredity & Environment
2. Learning
 - (i) What is meant by learning
 - (ii) Learning disabilities, definition and types (symptoms and management)
3. Methods of Psychology
 - (i) Scientific methods in Psychology
 - (ii) Interpretation of research results
4. Attention & Perception
 - (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)

PHYSICAL EDUCATION

Part – B

- 1) Basketball
- 2) Badminton

Part – A

- 1) Concept of Physical Education
- 2) Individual Aspect and Group Dynamics
- 3) Games and Sports – A Global Perspective

HOME SCIENCE

1. Method of cooking .
2. Concept and Scope of Home Science .
3. Food and Nutrition
4. Resource Management