

**SRI SRI ACADEMY**  
**SYLLABUS FOR SESSION 2019-2020**  
**CLASS - XI**

**ENGLISH**

**ENGLISH LANGUAGE**

**FIRST TERM**

1. Composition- Descriptive, Narrative
2. Report Writing- Newspaper report, Feature Article
3. Proposal Writing
4. Grammar- Transformation of sentences, Tenses, Phrasal verbs

**SECOND TERM**

1. Composition- Argumentative, Reflective
2. Report Writing- Review Writing- Book, Movie
3. Proposal Writing
4. Grammar- Transformation of sentences, Tenses, Phrasal verbs

**ENGLISH LITERATURE**

**FIRST TERM**

- 1 Play-. The Tempest- Acts 1&2
2. Echoes-
  - a. Salvatore- W. Somerset Maugham
  - b. Quality- John Galsworthy
  - c. A Gorilla in the Guest Room- Gerald Durrell
3. Reverie-
  - a. The Gift of India - Sarojini Naidu
  - b. John Brown- Bob Dylan
  - c. The Spider and the Fly- Mary Botham Howitt

**SECOND TERM**

- 1 Play- The Tempest- Act 3
2. Echoes-
  - a. Fritz- Satyajit Ray
  - b. The Chinese Statue- Jeffrey Archer
3. Reverie-
  - a. Desiderata- Max Ehrmann
  - b. Dolphins- Carol Anne Duffy

## HINDI

### FIRST TERM

<u>गद्य</u>	<u>पद्य</u>
गद्य संकलन	काव्य मंजरी
1) पुत्र प्रेम 2) शरणागत 3) आउट साइडर	1) साखी 2) एक फूल की चाह 3) उद्यमी नर
व्याकरण - निबंध, अपठित गद्य, वाक्य शुद्धिकरण और मुहावरे ।	
आषाढ़ का एक दिन - प्रथम अंक ।	

### SECOND TERM

<u>गद्य</u>	<u>पद्य</u>
गद्य संकलन	काव्य मंजरी
1) <u>क्या निराश हुआ जाए</u> 2) <u>संस्कृति क्या है</u> 3) सती	1) तुलसी के पद 2) जाग तुझको दूर जाना है 3) बादल को घिरते देखा
व्याकरण - निबंध, अपठित गद्य वाक्य शुद्धिकरण और मुहावरे ।	
आषाढ़ का एक दिन - दूसरा अंक ।	

- FULL SYLLABUS OF FIRST TERM ALSO INCLUDED.

## BENGALI (বাংলা)

### First Term

#### • Language (ভাষা)

- বাক্যপরিবর্তন
- বাগধারা
- ভুলসংশোধন
- প্রবন্ধরচনা
- বোধপরীক্ষণ

### Literature

উপন্যাস: কোনি (১-১৫পৃষ্ঠা)

- গদ্য: ১। ঠাকুর্দা  
২। জোড়াসাঁকোর ধারে  
৩। আদাব  
৪। রেকর্ড

- পদ্য: ১। ওরা কাজ করে  
২। বনলতা সেন  
৩। পূব পশ্চিম

### Second Term

#### 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। নুল

## COMMERCE

### FIRST TERM

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 Companies
8. Types of Companies
9. Formation of a Company
10. Co-operative Organisation
11. Social Responsibility of Business and business ethics
12. Project work

## **SECOND TERM**

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 Companies
8. Types of Companies
9. Formation of a Company
10. Co-operative Organisation
11. Social Responsibility of Business and business ethics
12. Public enterprises, public utilities and public private partnership.
13. E-Business and Outsourcing
14. Stock exchange
15. Inland Trade(Unit 6)
16. Foreign Trade(Unit 7)
17. Insurance(Unit 8)
18. Project work.

## **ACCOUNTS**

### **FIRST TERM**

1. Introduction to Accounting
2. Basic Accounting Terms
3. GAAP and Basic Accounting Concepts
4. Accounting Standards and IFRS
5. Bases of Accounting
6. Accounting Equation
7. Journal
8. Ledger
9. Cash Book
10. Petty Cash Book
11. Sub- Division of Journal
12. Trial Balance
13. Bank reconciliation Statement
14. Depreciation
15. Bills of Exchange
16. Capital and Revenue Expenditure/Income
17. Final Accounts(without adjustments)
18. Project work

### **SECOND TERM**

1. Introduction to Accounting
2. Basic Accounting Terms
3. GAAP and Basic Accounting Concepts
4. Accounting Standards and IFRS
5. Bases of Accounting
6. Accounting Equation

7. Journal
8. Ledger
9. Cash Book
10. Petty Cash Book
11. Sub- Division of Journal
12. Trial Balance
13. Bank reconciliation Statement
14. Depreciation
15. Bills of Exchange
16. Capital and Revenue Expenditure/Income
17. Final Accounts(without adjustments)
18. Provisions and Reserves
19. Final Accounts with adjustment
20. Accounts from incomplete records
21. Rectification of errors
22. Non Trading Organization
23. Project work

## **BUSINESS STUDIES**

### **FIRST TERM**

1. Business Environment
2. Entrepreneurship
3. Business risks and Causes of Failure
4. Manager and Managerial Roles
5. Authority, Responsibility and Accountability.

### **SECOND TERM**

1. Change management
2. Automation at Workplaces
3. Productivity Enhancement Tools and Facilities
4. Full first term syllabus.

## **ECONOMICS**

### **FIRST TERM**

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
12. Parameters of Development

**First Unit test :**

- 1) Basic Concepts of Economics
- 2) Definition of Economics
- 3) Types of Economies
- 4) Solutions to the basic economic problems under different economic systems

**Project:** Lending rates of Commercial banks(case study)

**SECOND TERM**

1. Planning and Economic Development in India.
2. Structural changes in the Indian economy after Liberalisation.
- 3.The Problem of Poverty in India.
4. Profile of Indian Agriculture and Rural development.
- 5.Comparative study of Indian and Chinese Economies.
6. Employment and Unemployment in India – Problems and Policies.
7. Human Capital formation
8. .Measures of Dispersion.
9. Correlation.
10. .Index Numbers
- 11.Some mathematical Tools Used in Economics

**Second Unit Test:**

- 1)Planning and Economic development in India
- 2)Structural changes in the Indian economy after Liberalization
- 3)Problem of Poverty in India
- 4)Measures of dispersion

**Project:**Study of consumer awareness among households through designing a questionnaire and collection and analysis of primary data.

**POLITICAL SCIENCE****FIRST TERM**

Introduction to Political Science  
The Origin of the State  
Political Ideologies (Part)

**SECTION B**

End of Cold War and its Impact on the World Order  
Unipolar World

**SECOND TERM**

Political Ideologies (Part)  
Sovereignty  
Law  
Liberty  
Equality  
Justice

**SECTION B**

Regional Cooperation  
The Non-Aligned Movement

**All the chapters of the first term syllabus will be Included in the second term examination.**

# **HISTORY**

## **FIRST TERM**

### **INDIAN HISTORY**

Growth of Nationalism

- i.Swadeshi Movement
- ii.Revolutionary Nationalism

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

Social and Religious Movements

- i.Impact of the modern ideas in Europe on Indian administrators
- ii.Reform Movements- BrahmaSamaj, AryaSamaj, Aligarh Movement
- iii.Struggle against caste- JyotibhaPhule, Narayan Guru, Veerasalingam
- iv. The Women's Question

### **WORLD HISTORY**

Impact of second phase of Industrialization in Europe during the late 19th & early 20th centuries  
World War I; Causes, Events leading to it; major changes in warfare & strategy; peace settlements  
Peace Settlements after World War I & the establishment of the League of Nations  
The Great Depression

## **SECOND TERM**

### **INDIAN HISTORY**

Protest Movements against Colonial Rule: Indigo Uprising, Deccan Riots , Munda Uprising

- a) Gandhian Nationalism(1916-1922)
  - i.TheLaunching of passive resistant movement by Gandhi
  - ii.Agitation against Rowlatt Act, JalianwalaBagh, Khilafat and Non- Cooperation Movement
- b) Gandhian Nationalism(1927-1934)
  - i.Simon Commission
  - ii.Civil Disobedience Movement

### **WORLD HISTORY**

Rise of Communism: Russia 1917-1939  
Rise of Fascism: Italy (1919-1939)  
Rise of Nazism: Germany (1933 – 1939)  
Rise of Militarism: Japan (1919 – 1937)

**All the chapters of the first term syllabus will be included in the second term examination.**

# PHYSICS

## FIRST TERM

1. Units and Measurements  
Significant Figures  
Dimensions
2. Motion in a Straight Line, Plane  
Newton's Laws
3. Friction
4. Uniform Circular Motion
5. Work. Power and Energy

## SECOND TERM

1. Motion of system of particles and Rigid Body
2. Gravitation
3. Properties of Matter: Elasticity, Fluid Pressure, Flow of Liquids,  
Surface Tension
4. Heat and Thermodynamics  
Kinetic Theory of Gases
4. Oscillations and Waves

# CHEMISTRY

## FIRST TERM

- 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.

## SECOND TERM

- Chemical thermodynamics
- Equilibrium
- Some p-block elements
- Organic Chemistry : Some basic principles & techniques
- Hydrocarbons – Aliphatic and Aromatic
- Environmental Chemistry

# **BIOLOGY**

## **FIRST TERM**

- 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.

## **SECOND TERM**

- 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.
- Cockroach.
- Bio molecules.
- Morphology of Flowering Plants.
- Tissues.
- Structural Organization of Cell.
- Human Digestive System.

# **COMPUTER SCIENCE**

## **FIRST TERM**

1. Data Representation
  - a. Digital number systems
  - b. Number conversions
  - c. Binary arithmetic
2. Propositional Logic and Hardware
  - a. Introduction
  - b. Propositional Logic
  - c. Basic Logic gates
3. General OOP Concepts
4. Introducing Java
5. Java Fundamentals
6. Flow of Control

## **SECOND TERM**

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

# **PSYCHOLOGY**

## **FIRST TERM**

1. The Subject Psychology
2. Methods of Psychology
3. Learning
4. Remembering and Forgetting

## **SECOND TERM**

5. Attention and Perception
6. Emotion and Motivation
7. Thinking, Problem solving, Creativity

# **GEOGRAPHY**

## **FIRST TERM**

1. Age And Origin Of The Earth
2. Interior Of The Earth
3. Rocks
4. Endogenous Processes And Associated Landforms
5. Drifting Of Continents And Plate Tectonics
6. Isotasy
7. Volcanoes And Earthquakes
8. Exogenous Processes And Associated Landforms
10. Soils
11. Fluvial Process And Associated Landforms
12. Aeolian Processes And Associated Landforms
13. Glacial Processes And Associated Landforms
14. Work Of Ground Water And Associated Landforms
15. Marine Processes And Associated Landforms
16. Coral Reefs
17. Practical Work

## **SECOND TERM**

1. Composition And Structure Of The Atmosphere
2. Insolation And Temperature
3. Atmospheric Pressure And Winds
4. Atmospheric Moisture

Unit IV:

5. Submarine Relief
6. Marine Life And Deposits
7. Temperature, Salinity, Density Of Ocean Water
8. Ocean Water Movements

Unit V:

9. The Biosphere
10. Biodiversity
11. Biodiversity For Sustenance Of Mankind
12. India As A Mega Diversity Nation
13. Loss Of Biodiversity
14. Strategies For Conservation Of Biodiversity

Unit VI:

15. World Climatic Types
16. Climate Change
17. Natural Hazards : Their Causes And Management.

## **HOME SCIENCE**

### **FIRST TERM**

1. Concept of Home Science
2. Nutrition for Self and Family.
3. Role of Nutrients---Proteins, Carbohydrates and Fats.
4. Vitamins.
5. Minerals.
6. Food Groups and Balanced Diet and RDA Allowances for all age groups.
7. My Resources.
8. Management Process and Decision Making
9. Management of Time and Energy

### **SECOND TERM**

1. An introduction to fibre science.
2. Yarn making and fabric construction
3. Fabric Finishes.
4. Know little children—Some important aspects of their development.
5. Fundamentals of Banking.
6. Savings and Investments.

## **ENVIRONMENTAL SCIENCE**

### **FIRST TERM**

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

### **SECOND TERM**

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

# PHYSICAL EDUCATION

## FIRST TERM

1. Concept of Physical Education
2. Individual Aspect and Group Dynamics

1. Concept of Physical Education
2. Individual Aspect and Group Dynamics
3. Effects of Physical Exercise on Human Body
4. Basketball
5. Badminton

## SECOND TERM

Nutrition, Weight Control and Exercise

1. Physical Fitness and wellness
2. Games & Sports – A global perspective
3. Basketball

Badminton

# SOCIOLOGY

## FIRST TERM

Culture- Notion and attributes of culture

### **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
- iii) Culture- Notion and attributes of culture

## **SECOND TERM**

### **1. Social Structure**

i) Social Groups – community & association, primary groups, secondary groups & reference groups, organized & unorganized groups.

ii) Status and Role

### **2. Social Processes – co-operation, competition & conflict**

### **3. Social Problems**

Overpopulation, child labour, juvenile delinquency, problems of the aged and problems of the differently abled

### **1. Indian Sociologists**

Contributions of Indian Thinkers in the field of Sociology- RadhaKamal Mukherjee, M.N.Srinivas, N.K.Bose, Irawati Karve, G.S.Ghurye

## **PRACTICAL WORK**

## **MATHEMATICS**

### **FIRST TERM**

Trigonometry (Trigonometrical identities, Trigonometrical angles, Compound angles, Multiple angles, Sub-multiple angles, Trigometrical equations etc )

Complex Number

Quadratic Equations

Sequence and series

Binomial Theorem

Straight Lines

Statistics

Conic Section (SEC-B)

Statistics (SEC-C)

### **SECOND TERM**

Permutation and Combination

Mathematical induction

Linear Inequalities

Circles

Sets, Relations and Functions

Limits and Derivatives

Probability

Introduction to 3-D Geometry (SEC- B)

Mathematical Reasoning (SEC- B)

Correlation Analysis (Sec C)

Index Number and Moving averages (Sec C)

2<sup>nd</sup> term examination will be based on all the chapters of class 11 as board question paper will be coming this time (expected).