

# **ENGLISH**

#### Section A

Reading Comprehension

Note Making

#### Section B

Grammar-

- -Questions on Gap Filling (Tenses, Clauses)
- -Questions on Re-Ordering/Transformation of Sentences

Writing Skills-

- -Poster Writing
- -Advertisement
- -Speech
- -Debate

#### **Section C**

-Literature-

Hornbill-

- -The Portrait of a Lady (Prose)
- -A Photograph (Poem)
- -"We're Not Afraid to Die... If We Can All Be Together
- -Discovering Tut: The Saga Continues
- -The Laburnum Top (Poem)
- -The Voice of the Rain (Poem)
- -Childhood (Poem)
- -The Adventure
- -Silk Road (Prose)
- -Father to Son (Poem)

Snapshots-

- -The Summer of the Beautiful White Horse (Prose)
- -The Address (Prose)
- -Mother's Day (Play)
- -Birth (Prose)
- -The Tale of Melon City

# **POLITICAL SCIENCE**

# **INDIAN CONSTITUTION AT WORK**

- 1. Constitution: Why and How?
- 2. Rights in the Indian Constitution
- 3. Election and Representation
- 4. Executive
- 5. Legislature
- 6. Judiciary
- 7. Federalism
- 8. Local Governments
- 9. Constitution as a Living Document
- 10. The Philosophy of the Constitution

# Part B: Political Theory

- 1. Political Theory: An Introduction
- 2. Freedom
- 3. Equality
- 4. Social Justice
- 5. Rights
- 6. Secularism

## **HISTORY**

- 1. Writing & City Life
- 2. An Empire Across Three Continents
- 3. Nomadic Empires
- 4. The Three Orders
- 5. Changing Cultural Traditions
- 6. Displacing Indigenous Peoples

## **PSYCHOLOGY**

## Theory -

- 1. What is Psychology?
- 2. Methods of Enquiry in Psychology
- 3. Human Development
- 4. Sensory, Attentional and Perceptual Processes
- 5. Learning
- 6. Human Memory
- 7. Thinking
- 8. Motivation and Emotion

#### Practical -

- 1. Span of attention
- 2. Impact of Meaningfulness of Material on Learning

# **ECONOMICS**

#### Part A: Statistics for Economics

- Unit 1: Introduction.
- Unit 2: Collection, Organisation and Presentation of data.
- Unit 3: Measures of Central Tendency- Arithmetic mean, Median and Mode.

Correlation.

Index Numbers.

## Part B: : Introductory Microeconomics

- Unit 4: Introduction.
- Unit 5: Consumer's Equilibrium and Demand.
- Unit 6: Producer Behaviour and Supply.
- Unit 7: Perfect Competition Price Determination and simple applications.

## HOME SCIENCE

- 1. Introduction to Home Science
- 2. Identity formation (including- physical, socio-cultural, emotional and cognitive changes)
- 3. Food, nutrition, health and fitness (including adolescent eating habits)
- 4. Management of resources
- 5. Fabrics around us (including yarn and fabric finishing)
- 6. Media, communication and technology
- 7. Nutrition, health and hygiene (including water safety)
- 8. Resource availability and management (including time, energy and space management)
- 9. Childhood, survival, growth and development
- 10. Infancy
- 11. Nutrition, health and well being
- 12. Clothing functions and selection of clothes (including children's clothing needs)
- 13. Health and wellness
- 14. Family income
- 15. Savings and investments
- 16. Care, maintenance and storage of fabrics

# FINE ARTS (PAINTING)

- 1. Pre-Historic rock Paintings and art of Indus Valley
- 2. Buddhist, Jain and Hindu art
- 3. Temple Sculptures, Bonzes and Artistic Aspects of Indo-Islamic Architecture

# **MATHEMATICS**

# Theory

- 1. Sets
- 2. Relations and Functions
- 3. Trigonometric Functions
- 4. Complex Numbers
- 5. Linear Inequalities
- 6. Permutation and combinations
- 7. Sequence and Series
- 8. Straight lines
- 9. Conic sections
- 10. Limits and Derivatives
- 11. Probability

## **Practicals**

- 1. Pen paper test of any one activity out of 10 activities (as per chit system)
- 2. Viva will be from the activity chosen .
- 3. Submission of Maths register and Practical File

## **GEOGRAPHY**

## BOOK - 1 FUNDAMENTALS OF PHYSICAL GEOGRAPHY

- 1. Geography as a discipline
- 3. Interior of the earth
- 4. Distribution of oceans and continents
- 5. Geomorphic processes
- 6. Landforms and their evolution
- 7. Composition and structure of atmosphere
- 8. Solar radiation, heat balance and temperature
- 9. Atmospheric circulation and weather systems
- 10. Water in the atmosphere
- 12. Water (Oceans)
- 13. Movements of ocean water
- 14. Biodiversity and conservation

## Book- 2 India –physical environment

- 1. India location
- 2. Structure and physiography
- 3. Drainage system
- 5. Natural vegetation

#### **Practicals**

- 1. Introduction to maps maps and types
- 2. latitude, longitude ,longitude and time
- 3. Map projection
- 4. Topographical maps
- 5. Introduction to remote sensing