

## **1. ENGLISH**

Paper 1 2 hours Reading 80 marks

Comprehension

Summary task

Writer's Effect

letter, speech, interview and article

Paper 2 – Directed Writing and Composition

2 hours, 80 marks

discursive / argumentative / persuasive

Descriptive

Narrative

## **2. ECONOMICS**

Section 1: The basic economic

problem

Chapter 1 The nature of the economic problem

Chapter 2 Factors of production

Chapter 3 Opportunity cost

Chapter 4 Production possibility curves diagrams

Section 2: The allocation

of resources

Chapter 5 The role of markets in allocating resources

Chapter 6 Demand

Chapter 7 Supply

Chapter 8 Price determination

Chapter 9 Price changes

Chapter 10 Price elasticity of demand

Chapter 11 Price elasticity of supply

Chapter 12 Market economic system

Chapter 13 Market failure

Chapter 14 Mixed economic system

Section 3: Microeconomic

decision makers

Chapter 15 Money and banking

Chapter 16 Households

Chapter 17 Workers

Chapter 18 Firms

## **3. HINDI**

भाषा अनुराग

(1) निजामों का प्रिय शहर: हैदराबाद

(2) दिल है हिन्दुस्तानी

(3) सद्भाव का उत्सव फूलोंवाली की सैर

(4) जो सत्ता का सुख नहीं भोगते

(5) नादिया हुसैन के साथ रसोई में

(6) वक्रत से कहना ज़रा वो ठहर जाए वहीं

(7) माया के इशारे पर न्यूयॉर्क में चलती हैं टैक्सियां

साहित्य

(1) वरदान मांगूंगा नहीं (कविता)

(2) हँसी की लड़ाई (हास्य-नाटक)

(3) नशा ( कहानी)

लेखन कार्य

(1) फिल्म समीक्षा

(2) ई मेल लेखन

(3) रिपोर्ट (प्रतिवेदन)

(4) नोट लेखन

## **4. FRENCH**

Compréhension orale

Compréhension écrite

Production orale

Production écrite

Le vocabulaire

## **5. MATHEMATICS**

CH-1: NUMBER 1

CH-2: ALGEBRA 1

CH-3: NUMBER 2

CH-4: TRIGONOMETRY 1

CH-5: MENSURATION

CH-6: ALGEBRA 2

CH-7: GEOMETRY

CH-8: ALGEBRA 3

CH-9: GRAPHS

## **6. PHYSICS**

### **MOTION FORCES AND ENERGY**

1.1 Physical quantities and measurement techniques

1.2 Motion

1.3 Mass and weight

1.4 Density

1.5 Forces

1.6 Momentum

1.7 Energy work and power

1.8 Pressure

### **THERMAL PHYSICS**

2.1 Kinetic particle model of matter

2.2 Thermal properties and temperature

2.3 Transfer of thermal energy

## **WAVES**

- 3.1 General properties of waves
- 3.2 Light
- 3.3 Electromagnetic spectrum
- 3.4 Sound

## **7. CHEMISTRY**

- 2. Properties of Materials
  - 2.1 Atomic Structure and the Periodic Table
  - 2.2 Trends in Groups within the Periodic Table
  - 2.3 Why Elements React to Form Compounds
  - 2.4 Simple and Giant Structures
- 5. Reactivity
  - 5.1 Reactivity and Displacement Reactions
  - 5.2 Using the Reactivity Series and Displacement Reactions
  - 5.3 Salts
  - 5.4 Other Ways of Making Salts
  - 5.5 Rearranging Atoms
- 8. Rates of Reaction
  - 8.1 Measuring the Rate of Reaction
  - 8.2 Surface Area and the Rate of Reaction
  - 8.3 Temperature and the Rate of Reaction
  - 8.4 Concentration and the Rate of Reaction
- 9. Basics theory & concepts
  - 1. Fundamentals of the Periodic Table
  - 2. Symbols of Important Elements
  - 3. Formula Making Using the Criss-Cross Method
  - 4. Framing Chemical Equations
  - 5. Balancing Chemical Reactions
  - 6. Mass and Mass Percentage Calculations
  - 7. Lab Equipments and Their Applications

## **8.BIOLOGY**

Characteristics and classification of living organisms  
Cells  
Movement into and out of cells  
Biological molecules  
Enzymes  
Plant nutrition  
Human nutrition  
Transport in plants  
Transport in animals  
Diseases and immunity  
Respiration and gas exchange

## **9. HISTORY & CIVICS**

### **History**

From Old book “ Our Pasts” III  
Ch-1 How, When and Where?  
Ch-2 From Trade to Territory  
Ch-8 The Making of the National Movement:1870s-1947

From New Book “ Exploring Society: India and Beyond”

Ch -3 The Rise of the Marathas  
Ch-4 The Colonial Era in India

### **Civics**

From Old Book “ Social and Political Life -III”  
Ch1-The Indian Constitution  
Ch-2 Understanding Secularism

From New Book “ Exploring Society: India and Beyond”

Ch-5 Universal Franchise and India’s Electoral System  
Ch – 6 The Parliamentary System: Legislature and Executive

## **10. SPANISH**

### 1 - Comprehension

Listening  
Speaking  
Writing

## **11. Computer Science**

Paper 1-  
Section 1  
Ch-1 Data representation  
Ch-2 Data transmission  
Ch-3 Hardware

Paper 2-  
Section 2  
Ch-7 Algorithm Design and problem Solving  
Ch-9 Database  
Ch-10 Boolean Algebra

## **12 ARTS**

Submission of 5 Preps.

### **13. BUSINESS STUDIES**

Section 1: Understanding Business Activity:

Business, Activity and Economic sectors

Enterprise business growth and size

Types of business organisations

Business objectives and stakeholder objectives

Section 2: people in business

Human resource management

Organisation and management

Methods of communication

Motivating employees

Section 3: Marketing

Marketing and the market

Market research

The marketing mix: Product

The marketing mix: Price

The marketing mix: Place

The marketing mix: Promotion