

**AIR FORCE GOLDEN JUBILEE INSTITUTE**  
**SYLLABUS FOR MID TERM SYLLABUS**

**2020-21**

**CLASS X**

**ENGLISH**

**Section A- Reading Comprehension - 20 Marks**

Two unseen passages for comprehension.

**Section B and C- Writing and Grammar - 20 Marks**

Writing Skills - Formal Letter (Letter to the Editor, Letter of Enquiry, Complaint Letter), Writing an analytical paragraph

Grammar: Integrated Grammar, Editing, Omission, Gap- Filing (Determiners, Tenses, Modals, Subject -Verb Agreement)

**Section D- Literature - 40 Marks**

**First Flight -**

A Letter to God, Nelson Mandela: Long Walk to Freedom, Dust of Snow, Fire and Ice

Two Stories about Flying (i) His First Flight (ii) Black Aeroplane

From the Diary of Anne Frank, The Hundred Dresses Part I, The Hundred Dresses Part II

Glimpses of India- (i) A Baker from Goa, (ii) Coorg, (iii) Tea from Assam, Madam Rides the Bus, A Tiger in the Zoo, The Ball Poem, Amanda,

**Footprints Without Feet-**

A Triumph of Surgery, The Thief's Story, Footprints without Feet, The Making of a Scientist, The Necklace

**HINDI**

**स्पर्श**

\* बड़े भाई साहब

- \* ततार्रा-वामीरो कथा
- \* अब कहाँ दूसरों के दुःख में दुखी होने वाले
- \* कबीर की साखी
- \* मीरा के पद
- \* पर्वत प्रदेश में पावस

### संचयन

- \* हरिहर काका

### व्याकरण

- \* अपठित गद्य/ पद्य
- \* पत्र
- \* अनुच्छेद
- \* सूचना लेखन
- \* विज्ञापन लेखन
- \* लघुकथा लेखन
- \* पदबंध
- \* वाक्य
- \* समास
- \* मुहावरे

## **MATHEMATICS**

Ch. 1. Real Numbers

Ch. 2. Polynomials

Ch. 3. Pairs of Linear Equations.

Ch. 4. Quadratic equations

Ch. 5. A.P.

Ch. 6. Triangles

Ch. 7. Coordinate Geometry

Ch. 8. Introduction to Trigonometry

Ch. 11. Constructions

## **SCIENCE**

### **Physics**

Chapter 12- Electricity

Chapter 13- Magnetic Effects of Electric Current (Except deleted portion i.e. Electric Generator, Direct Current, Alternating Current, Frequency of AC, Advantages of AC over DC and Domestic Electric Circuits)

### **Chemistry**

Chapter 1- Chemical Reactions and Equations (complete chapter)

Chapter 2- Acids, Bases and Salts (complete chapter)

Chapter 3- Metals and Non-metals (up to Pg. no. 49 – Properties of ionic compounds)

### **Biology**

Lesson 6 - Life processes

Lesson 8 - How do organisms reproduce? (Pages 127 - 132)

## **SOCIAL SCIENCE**

### **History**

Chapter 01- Rise of Nationalism in Europe (till page no 18)

Chapter 02- Nationalism in India

### **Civics**

Chapter 01- Power Sharing

Chapter 02- Federalism

### **Geography**

Chapter 01- Resources and Development

Chapter 03- Water resources (only Map)

Chapter 04- Agriculture

### **Economics**

Chapter 01- Development

Chapter 02- Sectors of Indian Economy

## **COMPUTER SCIENCE**

CHAPTER-01 : INTRODUCTION TO THE INTERNET

CHAPTER-06 : INTRODUCTION TO HTML 5

## **HOME SCIENCE**

Unit I: Human Growth and Development

Chapter1. Play

Chapter 2. Features of Childhood

Chapter 3. Features of Adolescents

Unit II: Management of resources

Chapter 4. Time and Energy Management

Unit IV: Meal Planning

Chapter8. Meal planning

## **Tourism**

Unit - I: Soft skills

Unit - II: Introduction to Tourism-II