



**MATHEMATICS**

1. QUADRATIC EQUATIONS
2. ARITHMETIC PROGRESSIONS
3. CIRCLES
4. CONSTRUCTIONS
5. AREAS RELATED TO CIRCLES
6. SURFACE AREAS AND VOLUMES
7. SOME APPLICATION OF TRIGONOMETRY
8. COORDINATE GEOMETRY
9. PROBABILITY

**SCIENCE:**

**PHYSICS**

- Chapter 10 Light – Reflection and refraction  
Chapter 11 Human Eye and its colourful world.

**CHEMISTRY**

- CH- Carbon and its compounds
- CH – Periodic classification

Sub topics : Need for classification, Modern periodic table, gradation in properties, valency, atomic number, metallic and non-metallic character.

**BIOLOGY**

- Chapter 8: How do organisms reproduce?  
Chapter 9: Heredity and evolution  
Chapter 15: Our environment  
Chapter 16: Management of natural resources

Practical syllabus:

**PHYSICS**

1. To trace the path of a ray of light passing through a rectangular glass slab.
2. To trace the path of rays of light passing through a glass prism.
3. To draw the images of an object formed by a convex lens when placed at various positions.

4.To determine the focal length of a concave mirror and convex lens by obtaining image of a distant object.

## CHEMISTRY

1.To study the following properties of acetic acid (ethanoic acid):

i) odour ii) solubility in water

iii) effect on litmus iv) reaction with sodium bicarbonate

2. To study saponification reaction for preparation of soap.

3. To study the comparative cleaning capacity of a sample of soap in soft and hard

## BIOLOGY

1. To study a) Binary fission in Amoeba and b) Budding in Yeast with the help of prepared slides

2. To study homology and analogy with the help of preserved /available slides of either animals or plants

3. To identify the different parts of an embryo of a dicot seed (pea,gram or red kidney bean )

**Note \*Practicals skill based questions will be a part of annual exam paper.**

## हिंदी

स्पर्श

i) कारतूस

ii) मधुर-मधुर मेरे दीपक जल

iii) कर चले हम फिदा

iv) आत्मत्राण

v) विहारी के दोहे

vi) मनुष्यता

vii) गिरगिट

viii) पतझर में टूटी पत्तियाँ (गिन्नी का सोना, झेन के देन)

ix) अब कहाँ दूसरों के दुख से दुखी होने वाले

संचयन :

i) टोपी शुक्ला

ii) सपनों के-से दिन

व्याकरण:

शब्द व पद में अंतर, रचना के आधार पर वाक्य रूपांतरण, समास, अशुद्धि शोधन, मुहावरे,

लेखन:

पत्र (औपचारिक), अनुच्छेद, सूचना लेखन, संवाद लेखन, विज्ञापन लेखन

कक्षा - दशमी (X)

पाठ - 9 - राष्ट्रं हि संरक्ष्यमेव

॥ - ओ! सुस्वागतम् अरुणाचलेऽस्मि

॥ - कालोऽहम्

व्याकरण - समासाः - द्वन्द्व बहुव्रीहि अत्ययीभक

संख्या - एकतः - शतपयन्तम्

अशुद्ध संशोधनम्

Handwritten signature

समस्त द्वितीय चक्रीय पाठ्यक्रम भी आएगा।

### German

#### Modul10

Lektion 1 Was tust du für die Umwelt

Lektion 2 Tina engagiert sich für.

Lektion 3 Wie entsteht eine Schulerzeitung.

### French:

#### Lecon - 6- 10

##### Section A: Comprehension

Section B: 1. Informal Letter 2. Recipe 3. Message 4. Completez le texte 5. Rearranging or completing a dialogue

Section C: 1. Les pronoms possessifs. 2. Les pronoms relatifs 3. Tenses - all. 4. Gerondif.

5. Subjonctif. 6. Participe present 7. Le Discours rapporte. 8. La negation. 9. Les

articles 10. Les prepositions. 11. Les pronoms personnels. 12. L'interrogation.

13. Les adjectifs demonstratifs. 14. Les adjectifs possessifs.

15. les pronoms demonstratifs

##### Section D: Lecon 6 - 10

### COMPUTERS

CHAPTER - 4

Database Management Tool- Open Office Base

CHAPTER - 9

Societal Impacts of IT

### Social Science

#### History:

- I. Nationalist movement in Indo-China
- II. Nationalism in India

**Political science:**

- I. Popular struggles and movements
- II. Political parties
- III. Outcomes of democracy
- IV. Challenges to democracy

**Geography:**

- I. Minerals and energy resources
- II. Manufacturing industries
- III. Lifelines of national economy

**Economics:**

- I. Money and credit
- II. Globalisation
- III. Consumer rights

**ENGLISH COMMUNICATIVE**

**CYCLE TEST II**

**Literature Reader :** 1. A Shady Plot  
2. Patol Babu, Film Star  
3. Ozymandias  
4. The Rime of the Ancient Mariner

**Maincoursebook :** Unit 4. (Environment )  
Unit 5 ( Travel and Tourism)

**Workbook:** Unit 8,9

**SAI**

**Literature Reader :** 1. Virtually True  
2. Snake  
3. Julius Caesar

**Maincoursebook :** Unit 6(National Integration)

**Workbook :** Unit 10-14

**Writing Skills :** All the writing skills to be revised

**The Diary of a Young Girl :** To be completed

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*BS\_Syllabus @ A.E 16 - 17*