

**ST. THOMAS SCHOOL, LONI**  
**SESSION: 2026-27**  
**SYLLABUS**  
**CLASS: XI**  
**UNIT TEST-II**

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## ENGLISH

### BOOKS PRESCRIBED

#### Hornbill

#### Snapshots

- **Reading Comprehension Passage with variety of competency-based questions as per Board exams will be included in every term.**
- **Theme inference, value based and extrapolatory questions will be a part of literature section.**
- **Advanced grammar topics will be dealt according to the level of students in each branch during UTs and Internal Assessments.**

|            |                                                                                                                                                                                                                          |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reading    | <ul style="list-style-type: none"><li>• Unseen passage</li><li>• Note Making</li></ul>                                                                                                                                   |
| Literature | <u>Hornbill</u><br>Poem <ul style="list-style-type: none"><li>• The Laburnum Top</li><li>• Childhood</li><li>• Father to Son</li></ul> <u>Snapshots</u><br>Prose <ul style="list-style-type: none"><li>• Birth</li></ul> |
| Writing    | <ul style="list-style-type: none"><li>• Advertisement</li></ul>                                                                                                                                                          |
| Grammar    | <ul style="list-style-type: none"><li>• Tenses</li><li>• Clauses</li></ul>                                                                                                                                               |

## CHEMISTRY

|           |                                                         |
|-----------|---------------------------------------------------------|
| Chapter-8 | Organic Chemistry: Some Basic Principles and Techniques |
| Chapter-9 | Hydrocarbons                                            |

## PHYSICS

| CHAPTER NUMBER | CHAPTER NAME |
|----------------|--------------|
|----------------|--------------|

|                    |                                                                                                                                                                  |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Chapter - 5</b> | <b>Work, Energy and Power</b><br>-Vertical circular motion                                                                                                       |
| <b>Chapter - 6</b> | <b>System of particles and Rotational motion</b>                                                                                                                 |
| <b>Chapter - 7</b> | <b>Gravitation</b><br>Kepler's laws of planetary motion, universal law of gravitation.<br>Acceleration due to gravity and its variation with altitude and depth. |

## MATHS

| S.No | Chapter Number | Name of the chapter         |
|------|----------------|-----------------------------|
| 1.   | Chapter – 9    | Straight Line               |
| 2.   | Chapter – 10   | Conic Sections              |
| 3.   | Chapter – 11   | Introduction to 3D Geometry |

## APPLIED MATHS

| S.No | Chapter Number | Name of the chapter   |
|------|----------------|-----------------------|
| 1.   | Chapter - 9    | Limits and Continuity |
| 2.   | Chapter - 10   | Differentiation       |
| 3.   | Chapter - 11   | Probability           |

## BIOLOGY

|            |                                 |
|------------|---------------------------------|
| Chapter-11 | Photosynthesis in higher plants |
| Chapter-12 | Respiration in plants           |
| Chapter 13 | Plant Growth and Development    |

## ACCOUNTANCY

| CHAPTER NO. | CHAPTER NAME                  |
|-------------|-------------------------------|
| CHAPTER:14  | Trial Balance and Errors      |
| CHAPTER:15  | Bank Reconciliation Statement |

|            |                       |
|------------|-----------------------|
| CHAPTER:17 | Provisions & Reserves |
| CHAPTER:20 | Capital & Revenue     |

## BUSINESS STUDIES

| Chapter No. | Chapter Name                  |
|-------------|-------------------------------|
| 7           | Sources of Business Finance   |
| 8           | Small Business and Enterprise |

## ECONOMICS

### BOOK: MICRO ECONOMICS

| Chapter No. | Chapter Name           |
|-------------|------------------------|
| 5           | PRODUCTION             |
| 6           | COST                   |
| 7           | REVENUE                |
| 8           | PRODUCER'S EQUILIBRIUM |
| 9           | SUPPLY                 |

## HISTORY

| CHAPTER NO. | CHAPTER NAME                  |
|-------------|-------------------------------|
| CHAPTER: 5  | CHANGING CULTURAL TRADITIONS  |
| CHAPTER: 6  | DISPLACING INDIGENOUS PEOPLES |

## GEOGRAPHY

| CHAPTER NO. | CHAPTER NAME                                  |
|-------------|-----------------------------------------------|
| 8           | SOLAR RADIATION, HEAT BALANCE AND TEMPERATURE |
| 9           | ATMOSPHERIC CIRCULATION AND WEATHER SYSTEMS   |

## POLITICAL SCIENCE

### BOOK: PART-A, INDIAN CONSTITUTION AT WORK

| CHAPTER NO. | CHAPTER NAME |
|-------------|--------------|
| CH. 6       | JUDICIARY    |
| CH. 7       | FEDERALISM   |

### BOOK: PART-B, POLITICAL THEORY

| CHAPTER NO. | CHAPTER NAME |
|-------------|--------------|
| CH.5        | RIGHTS       |
| CH.6        | CITIZENSHIP  |

## LEGAL STUDIES

### UNIT – 5: FAMILY JUSTICE SYSTEM

| CHAPTER NO. | CHAPTER NAME |
|-------------|--------------|
|-------------|--------------|

|                  |                                                    |
|------------------|----------------------------------------------------|
| <b>CHAPTER 1</b> | <b>INSTITUTIONAL FRAMEWORK-MARRIGE AND DIVORCE</b> |
| <b>CHAPTER 2</b> | <b>CHILD RIGHTS</b>                                |
| <b>CHAPTER 3</b> | <b>ADOPTION</b>                                    |
| <b>CHAPTER 4</b> | <b>PROPERTY, SUCCESSION AND INHERITANCE</b>        |
| <b>CHAPTER 5</b> | <b>PREVENTION OFVIOLENCE AGAINST WOMEN</b>         |

## हिन्दी

|                             |                                                                                    |
|-----------------------------|------------------------------------------------------------------------------------|
| <b>अंतरा भाग -1</b>         |                                                                                    |
| गद्य खंड                    |                                                                                    |
| 5.                          | सुधा अरोड़ा- ज्योतिबा फुले                                                         |
| 6.                          | ओमप्रकाश वाल्मीकि- खानाबदोश                                                        |
| काव्य खंड                   |                                                                                    |
| 5.                          | महादेवी वर्मा - जाग तुझको दूर जाना                                                 |
| 6.                          | नागार्जुन -बादल को घिरते देखा है                                                   |
| <b>अंतराल भाग-1</b>         |                                                                                    |
| 2.                          | आवारा मसीहा - विष्णु प्रभाकर                                                       |
| <b>अभिव्यक्ति और माध्यम</b> |                                                                                    |
| 14.                         | कार्यालयी लेखन और प्रक्रिया                                                        |
| 15.                         | स्ववृत्त (बायोडाटा ) लेखन और रोज़गार सम्बन्धी आवेदन पत्र                           |
| लेखन कौशल                   | परिपत्र , औपचारिक पत्र /स्ववृत्त लेखन / रोज़गार सम्बन्धी आवेदन पत्र, अपठित गद्यांश |

## Physical Activity Trainer

|                    |                                       |
|--------------------|---------------------------------------|
| <b>CHAPTER NO.</b> | <b>CHAPTER NAME</b>                   |
| <b>Part A</b>      | <b>Unit 4- Entrepreneur skill iii</b> |
| <b>Part B</b>      | <b>Unit 3- hygiene and safety</b>     |

## YOGA

|                 |                                                 |
|-----------------|-------------------------------------------------|
| <b>Unit No.</b> | <b>Chapter Name</b>                             |
| Unit 1          | Communication Skills                            |
| Unit 2          | Self-Management Skills                          |
| Unit 3          | Information and communication technology skills |

## COMPUTER SCIENCE

|                 |                                              |
|-----------------|----------------------------------------------|
| <b>Unit No.</b> | <b>Chapter Name</b>                          |
| <b>2</b>        | <b>Data Representation and Boolean Logic</b> |
| <b>7</b>        | <b>List in Python</b>                        |
| <b>8</b>        | <b>Tuples and Dictionary</b>                 |

## WEB APP

| S.NO | CHAPTER NUMBER | CHAPTER NAME               |
|------|----------------|----------------------------|
| 1.   | Part A: Unit 2 | Self-Management-III        |
| 2.   | Part A: Unit 4 | Entrepreneurial Skills-III |
| 2.   | Part B: Unit 4 | JavaScript Part 1          |

## CARNATIC MUSIC

|         |                                                               |
|---------|---------------------------------------------------------------|
| Topic 1 | Classification of Musical Instruments                         |
| Topic 2 | Manodharma Sangitam                                           |
| Topic 3 | Dwadasa Swaras                                                |
| Topic 4 | Brief description of concert instruments and their techniques |

## PAINTING

**TEXTBOOK: PANORAMIC INDIAN PAINTING**  
**PUBLISHER: VISHAL PUBLICATION**

| S.NO. | CHAPTER   | CHAPTER NAME                                                             |
|-------|-----------|--------------------------------------------------------------------------|
| 1     | CHAPTER-5 | <ul style="list-style-type: none"><li>INDIAN TEMPLE SCULPTURES</li></ul> |

## PSYCHOLOGY

| CHAPTER NO. | CHAPTER NAME                     |
|-------------|----------------------------------|
| CHAPTER: 2  | METHODS OF ENQUIRY IN PSYCHOLOGY |
| CHAPTER: 7  | THINKING                         |