

TERM-II SYLLABUS

CLASS: XI

SUBJECT: MATHEMATICS

MATHEMATICS

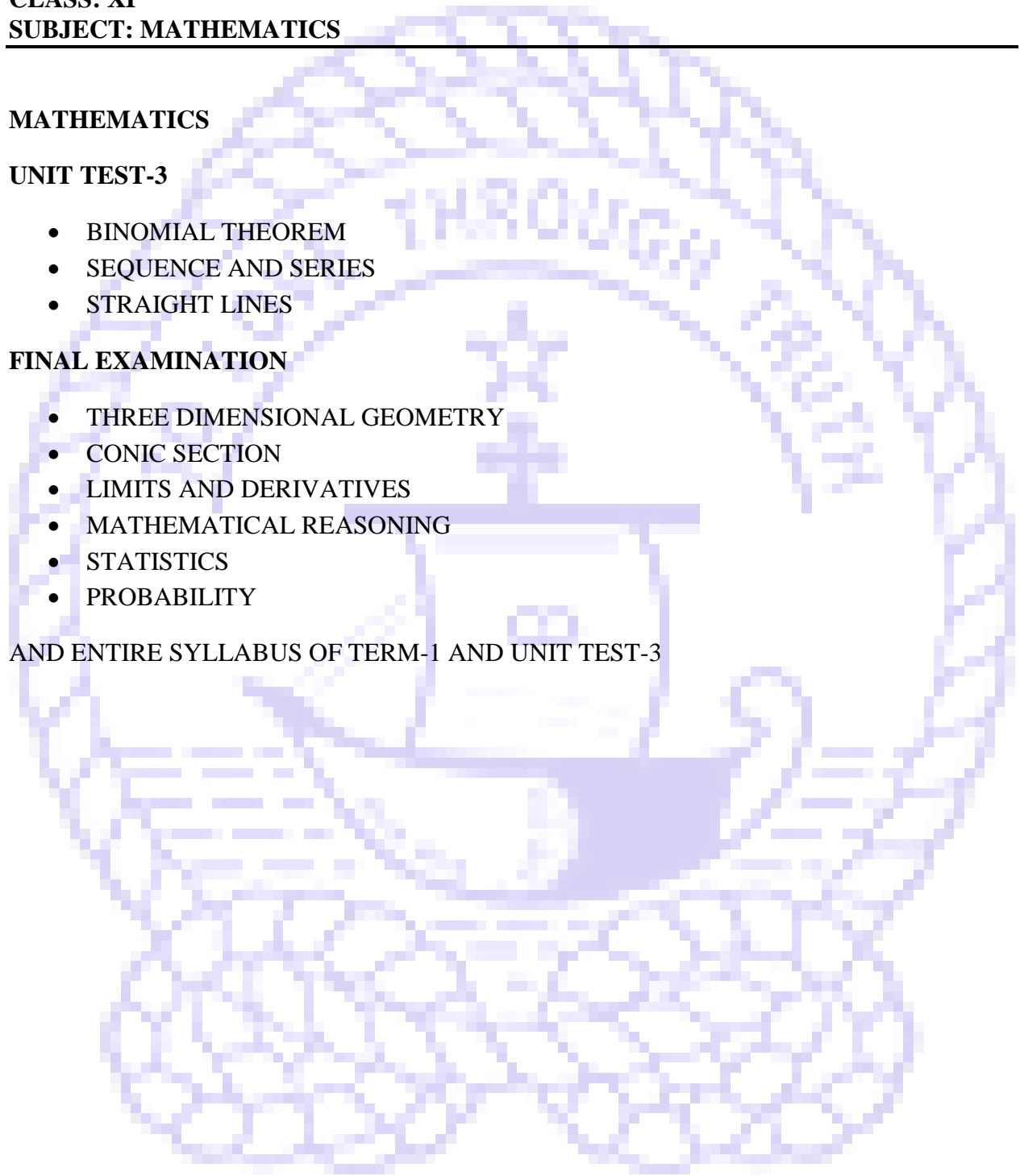
UNIT TEST-3

- BINOMIAL THEOREM
- SEQUENCE AND SERIES
- STRAIGHT LINES

FINAL EXAMINATION

- THREE DIMENSIONAL GEOMETRY
- CONIC SECTION
- LIMITS AND DERIVATIVES
- MATHEMATICAL REASONING
- STATISTICS
- PROBABILITY

AND ENTIRE SYLLABUS OF TERM-1 AND UNIT TEST-3



UNIT TEST 3:

STATISTICS

Unit 3: Statistical Tools and Interpretation

1. **Measures of Central Tendency**- mean (simple and weighted), median and mode
2. **Measures of Dispersion** - absolute dispersion (range, quartile deviation, mean deviation and standard deviation); relative dispersion (co-efficient of range, co-efficient of quartile-deviation, co-efficient of mean deviation, co-efficient of variation); Lorenz Curve: Meaning, construction and its application.

MICROECONOMICS

• **Unit 6: Producer Behaviour and Supply**

1. Meaning of Production Function – Short-Run and Long-Run

Total Product, Average Product and Marginal Product, Returns to a Factor

2. Cost: Short run costs - total cost, total fixed cost, total variable cost; Average cost; Average fixed cost, average variable cost and marginal cost-meaning and their relationships.
3. Revenue - total, average and marginal revenue - meaning and their relationship.
4. Producer's equilibrium-meaning and its conditions in terms of marginal revenue marginal cost. Supply, market supply, determinants of supply, supply schedule, supply curve and its slope, movements along and shifts in supply curve, price elasticity of supply; measurement of price elasticity of supply - percentage-change method.

FINAL EXAM

STATISTICS

- **Correlation** – meaning and properties, scatter diagram; Measures of correlation – Karl Pearson's method (two variables ungrouped data) Spearman's rank correlation.
- **Introduction to Index Numbers** - meaning, types - wholesale price index, consumer price index and index of industrial production, uses of index numbers; Inflation and index numbers.

MICROECONOMICS

- **Unit 7: Forms of Market and Price Determination under Perfect Competition with simple applications.**
 1. Perfect competition - Features; Determination of market equilibrium and effects of shifts in demand and supply.
 2. Other Market Forms - monopoly, monopolistic competition, oligopoly - their meaning and features.
 3. Simple Applications of Demand and Supply: Price ceiling, price floor.

❖ **The entire syllabus of TERM 1 and UNIT TEST 3**



CLASS: XI
SUBJECT: BIOLOGY

Unit Test-3

Chapter 8: Cell: The Unit of Life
Chapter 10: Cell Cycle and Cell Division
Chapter 9: Biomolecules
Chapter 11: Transport in Plants
Chapter 12: Mineral Nutrition

Final Exam

Chapter 3: Plant Kingdom
Chapter 4: Animal Kingdom
Chapter 7: Structural Organisation in Animals
Chapter 8: Cell: The Unit of Life
Chapter 10 : Cell Cycle and Cell Division
Chapter 9: Biomolecules
Chapter 11: Transport in Plants
Chapter 13 : Photosynthesis in Higher Plants
Chapter 14: Respiration in Plants
Chapter 15: Plant Growth and Development
Chapter 16: Digestion and Absorption
Chapter 17 : Breathing and Exchange of Gases
Chapter 18 : Body Fluids and Circulation
Chapter 19: Excretory Products and Elimination
Chapter 20: Locomotion and Movement
Chapter 21: Neural Control and Coordination
Chapter 22: Chemical Coordination and Integration

CLASS XI

SUBJECT: CHEMISTRY

CHAPTER 7: EQUILIBRIUM

CHAPTER 8: REDOX REACTIONS

CHAPTER 12: ORGANIC CHEMISTRY: SOME BASIC CONCEPTS AND PRINCIPLES

UNIT TEST 3: CHAPTER 7, 8, 12

CHAPTER 9: HYDROGEN

CHAPTER 10: s-BLOCK ELEMENTS

CHAPTER 11: p- BLOCK ELEMENTS

CHAPTER 13: HYDROCARBONS

CHAPTER 14: ENVIRONMENTAL CHEMISTRY

ANNUAL EXAMINATION : CHAPTER 1 TO 14

CLASS XI
HISTORY

UT 3

1. The three orders
2. Changing cultural traditions + Map skills

Final exam

1. Confrontation of cultures
2. The Industrial Revolution
3. Paths to modernisation + Map skills

All chapters from Half yearly and UT3



CLASS XI
POLITICAL SCIENCE

Part B: Political Theory

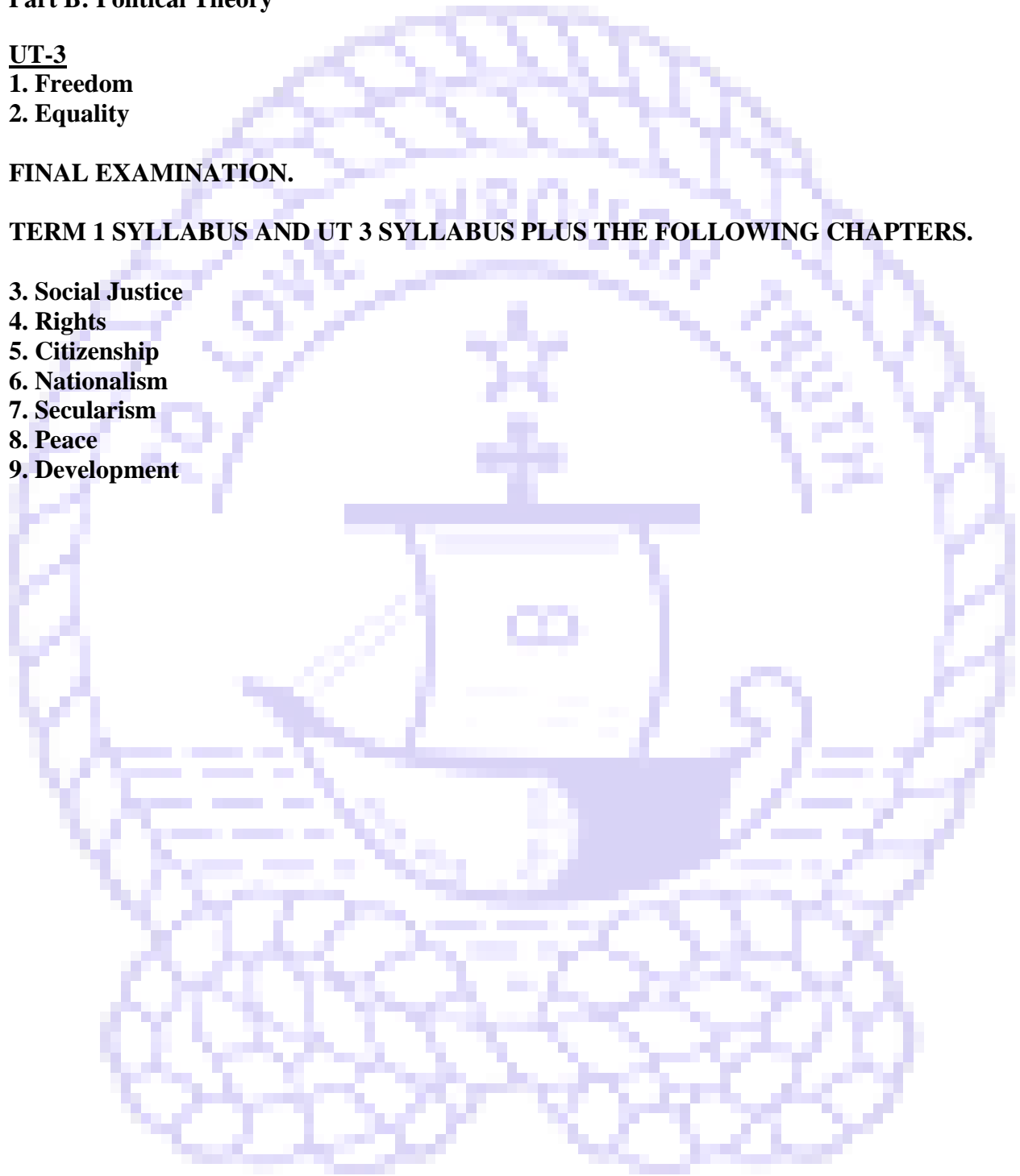
UT-3

- 1. Freedom**
- 2. Equality**

FINAL EXAMINATION.

TERM 1 SYLLABUS AND UT 3 SYLLABUS PLUS THE FOLLOWING CHAPTERS.

- 3. Social Justice**
- 4. Rights**
- 5. Citizenship**
- 6. Nationalism**
- 7. Secularism**
- 8. Peace**
- 9. Development**



CLASS XI
SOCIOLOGY

B. UNDERSTANDING SOCIETY

UT 3

1. Structure, Process and Stratification

2. Social Change and Social order in Rural & Urban Society

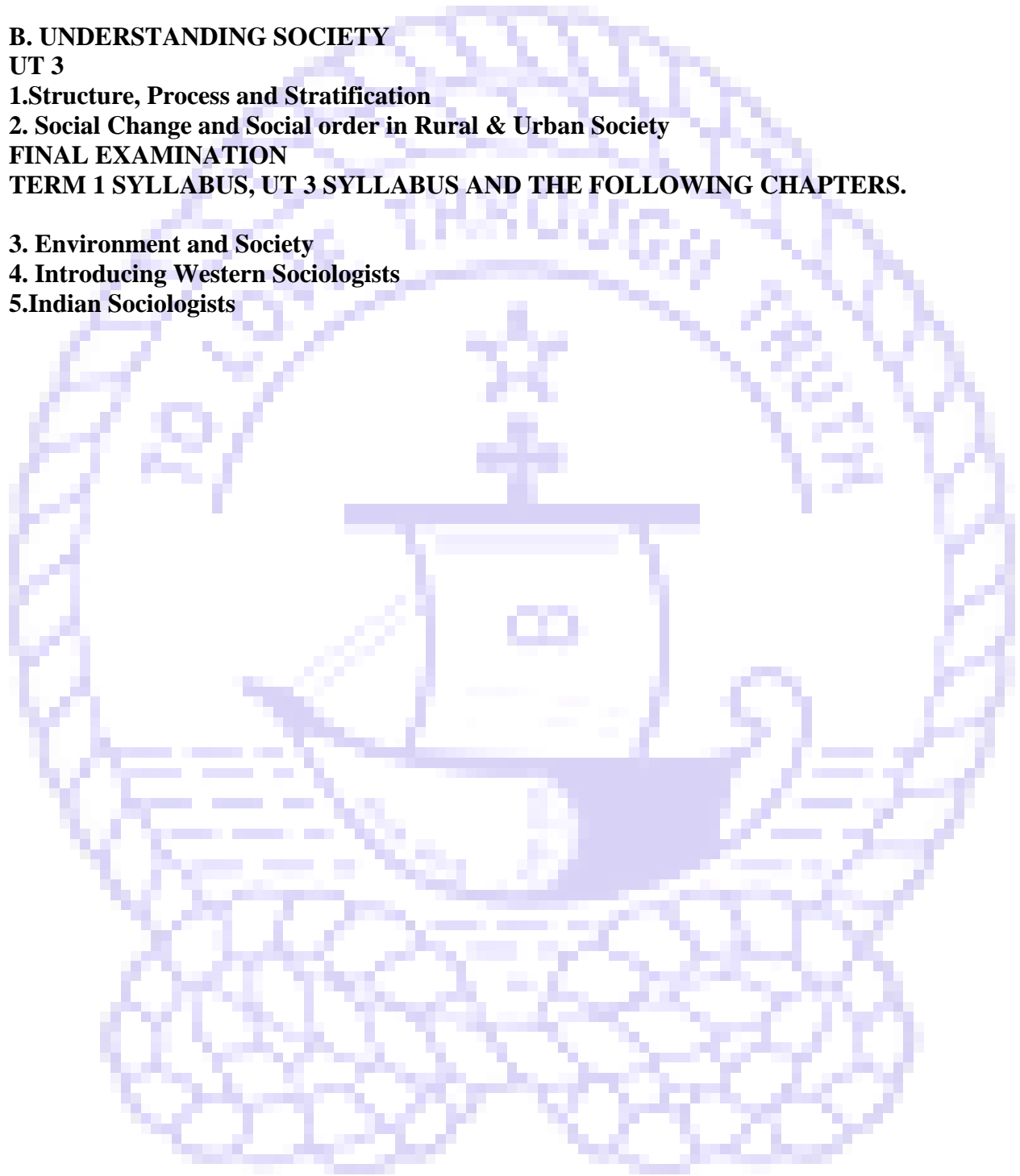
FINAL EXAMINATION

TERM 1 SYLLABUS, UT 3 SYLLABUS AND THE FOLLOWING CHAPTERS.

3. Environment and Society

4. Introducing Western Sociologists

5. Indian Sociologists



Class XI
ACCOUNTANCY

UNIT TEST-III

- TRIAL BALANCE
- RECTIFICATION OF ERRORS
- BANK RECONCILIATION STATEMENT

FINAL EXAMINATION: UNIT TEST I SYLLABUS + UNIT TEST-II SYLLABUS + HALF-YEARLY SYLLABUS +

UNIT TEST III SYLLABUS +FOLLOWING CHAPTERS:

- DEPRECIATION
- RESERVES AND PROVISIONS
- FINAL ACCOUNTS-WITH AND WITHOUT ADJUSTMENTS
- BOOKS FROM INCOMPLETE RECORDS

Class XI
BUSINESS STUDIES

UNIT TEST-III:

- SOURCES OF BUSINESS FINANCE
- SMALL BUSINESS
- INTERNAL TRADE

FINAL EXAMINATION: UNIT TEST-I + UNIT TEST-II + HALF YEARLY EXAMINATION + UNIT TEST III SYLLABUS

+THE FOLLOWING CHAPTER:

- INTERNATIONAL BUSINESS

PSYCHOLOGY (2019-20)

UNIT TEST 3:

- **Chapter 5:** remaining (From perceptual processes)
- **Chapter 6:** Learning

Final examinations:

- **Chapter 1:** What is Psychology?
- **Chapter 2:** Methods of enquiry in Psychology
- **Chapter 3:** The Basis of human behavior
- **Chapter 4:** Human Development
- **Chapter 5:** Sensory, Attentional and Perceptual processes
- **Chapter 6:** Learning
- **Chapter 7:** Human Memory
- **Chapter 8:** Thinking
- **Chapter 9:** Motivation and Emotion

Class XI
PHYSICS

UNIT TEST III

Chapter–7: System of Particles and Rotational Motion

Chapter–9: Mechanical Properties of Solids

Chapter–10: Mechanical Properties of Fluids

FINAL EXAMINATION

SYLLABUS OF HALF YEARLY EXAMINATION + UNIT TEST III+

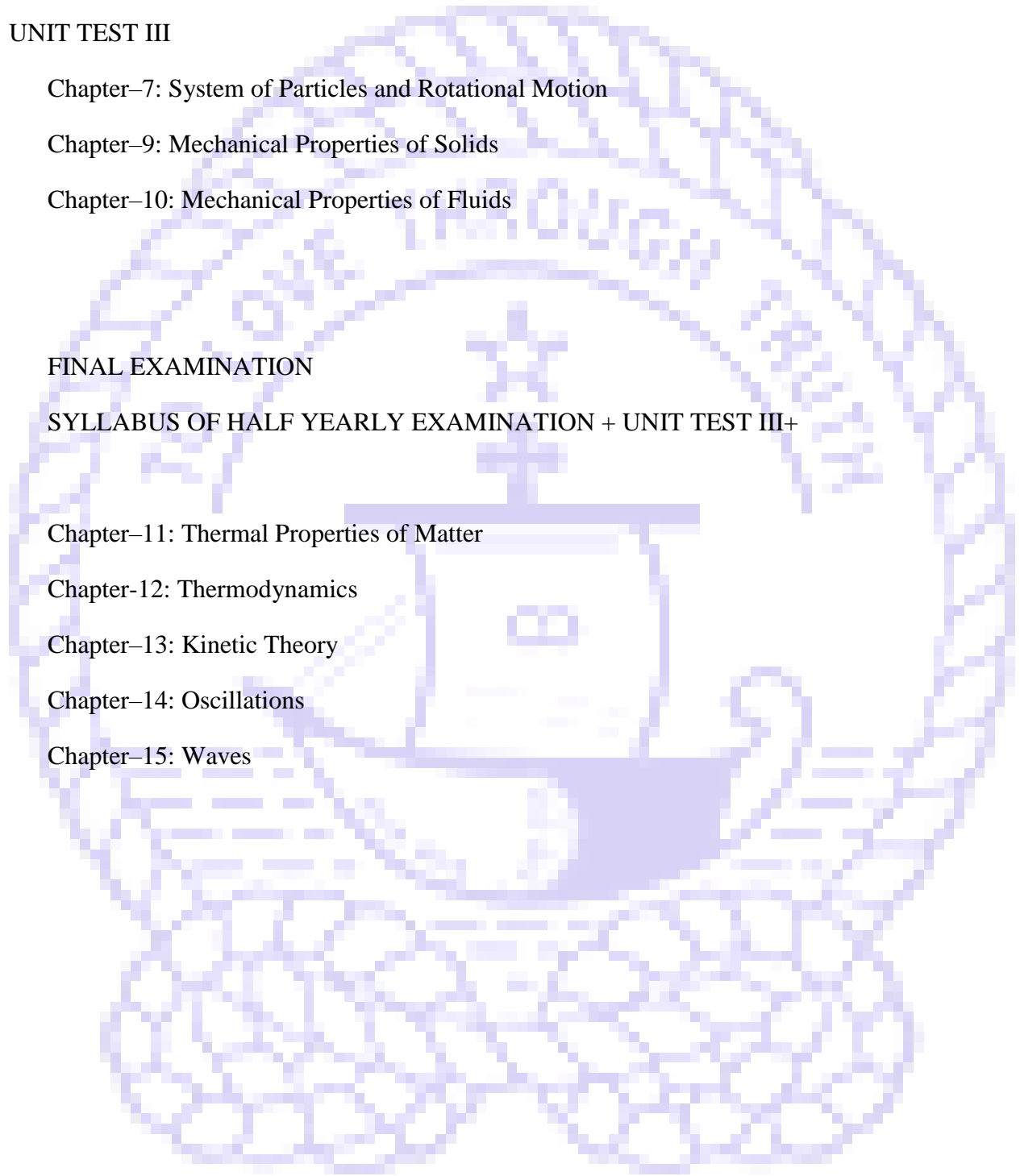
Chapter–11: Thermal Properties of Matter

Chapter-12: Thermodynamics

Chapter–13: Kinetic Theory

Chapter–14: Oscillations

Chapter–15: Waves



CLASS XI

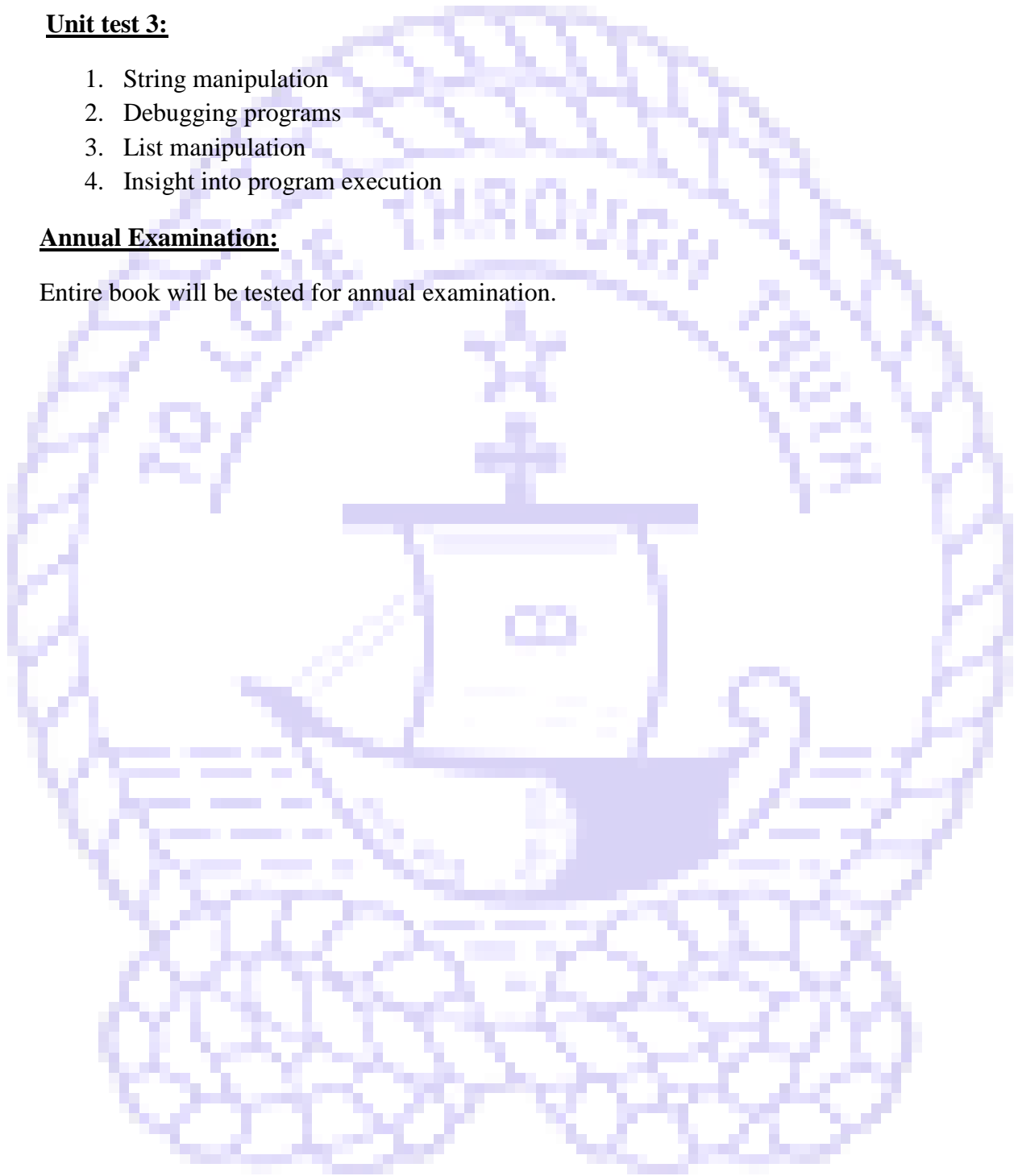
SUBJECT: COMPUTER SCIENCE

Unit test 3:

1. String manipulation
2. Debugging programs
3. List manipulation
4. Insight into program execution

Annual Examination:

Entire book will be tested for annual examination.



CLASS XI

SUBJECT: ENGLISH

UNIT TEST 3

HORNBILL

Prose

- 1.The Ailing Planet
- 2.The Browning Version

Poetry

- 1.Childhood

SNAPSHOTS

Prose

- 1.Birth

ADVANCED WRITING SKILLS

- 1.Letters (All Types)

FINAL EXAMINATION

HORNBILL

Prose

- 1.The Adventure
- 2.Silk Road

POETRY

- 1.Father to Son

SNAPSHOTS

Prose

- 1.The Ghat of the only World

Play

- 1.Mother's Day

Poetry

- 1.The Tale of a Melon City

Grammar

- 1.Tenses
- 2.Omission
- 3.Jumbled Sentences

+ All the chapters in both covered during the year(Term 1 + U.T 3)

ADVANCED WRITING SKILLS

1.Speech

2.Letters

3.Reports

+ All the writing skills done during the year(Term 1 + U.T 3)

