

SYLLABUS FOR THE YEAR 2021-2022
CLASS-XI A B
PHYSICS

UNIT 1

- 01. Units
- 02. Dimensional Analysis

HALF YEARLY EXAMINATION

- 01. Units
- 02. Dimensional Analysis
- 03. Motion in a plane
- 04. Vectors analysis
- 05. Newtons Laws of Motion
- 06. Friction
- 07. Uniform Circular Motion
- 08. Work Power Energy
- 09. Rotatory Motion

UNIT 2

- 01. Universal Gravitation
- 02. Motion of Planets
- 03. Elasticity
- 04. Flow of Liquids
- 05. Surface Tension

FINAL EXAMINATION

- 01. Units
- 02. Dimensional Analysis
- 03. Motion in a plane
- 04. Vectors analysis
- 05. Newtons Laws of Motion
- 06. Friction
- 07. Uniform Circular Motion
- 08. Work Power Energy
- 09. Rotatory Motion
- 10. Universal Gravitation
- 11. Motion of Planets
- 12. Elasticity
- 13. Flow of Liquids
- 14. Surface Tension
- 15. Heat Transfer
- 16. Thermodynamics
- 17. Isothermal and adiabatic process
- 18. second law of thermodynamics
- 19. Kinetic Theory of Gases
- 20. Simple Harmonic Motion
- 21. Superposition of Waves
- 22. Vibration of stretched Strings

CHEMISTRY

UNIT 1

CHAPTER 1

HALF YEARLY EXAMINATION

CHAPTERS 1,2,3,5,8 and 9

UNIT 2

CHAPTERS 2,4 and 12(only IUPAC names)

FINAL EXAMINATION

WHOLE SYLLABUS

BIOLOGY

UNIT 1

Chapter 18 , 19, and 22

HALF YEARLY EXAMINATION

Chapter ---1, 2 ,3,4,5,6,7,16, 18, 19and. 22

UNIT 2

Chapter--8, 9,10,11 and,17

FINAL EXAMINATION

Whole syllabus as per board guidelines

HINDI

UNIT 1

काव्य मंजरी-साखी गद्य संकलन-पुत्र प्रेम। सारा आकाश उपन्यास-प्रथम अंक(पूर्वार्द्ध) व्याकरण-वाक्य शुद्धि मुहावरे एवं लोकोक्तियां।

HALF YEARLY EXAMINATION

काव्य मंजरी-साखी, बाल लीला ,एक फूल की चाह । गद्य संकलन-पुत्र प्रेम, गौरी, शरणागत। सारा आकाश उपन्यास-पूर्वार्द्ध भाग व्याकरण-निबंध, अपठित गद्यांश, वाक्य शुद्धि ,मुहावरे- लोकोक्तियां

UNIT 2

काव्य मंजरी-साखी, बाल लीला ,एक फूल की चाह, यह धरती कितना देती है। गद्य संकलन-पुत्र प्रेम, गौरी, शरणागत, सती सारा आकाश पूर्वार्द्ध भाग एवं 1-5अंक(उत्तरार्द्ध भाग से) व्याकरण-वाक्य शुद्धि मुहावरे लोकोक्तियां।

FINAL EXAMINATION

काव्य मंजरी-साखी, बाल लीला, एक फूल की चाह, यह धरती कितना देती है, नदी के द्वीप। गद्य संकलन-पुत्र प्रेम, गौरी, शरणागत, सती ,आउटसाइडर । सारा आकाश-संपूर्ण उपन्यास व्याकरण-निबंध अपठित गद्यांश वाक्य शुद्धि मुहावरे एवं लोकोक्तियां।

ENGLISH LANGUAGE

UNIT 1

1. Report writing

2. Phrasal verbs

3. Tenses

4. Transformation

HALF YEARLY EXAMINATION

1. Report writing

2. Phrasal verb

3. Tenses

4. Transformation

5. Composition

6. Proposal writing

7. Comprehension

UNIT 2

1. Proposal writing
2. Phrasal verb
3. Tenses
4. Transformation

FINAL EXAMINATION

Complete course

ENGLISH LITERATURE

UNIT 1

Story : Lesson 1 (Salvatore)

Play : Act 1 Scene 1

HALF YEARLY EXAMINATION

Story : Lesson 1 (Salvatore)

Lesson 2 (Fritz)

Poems : Lesson 3 (The Dolphins)

Lesson 4 (The Gift Of India)

Play : Act 1 Scene 1 and Act 1 Scene 2 till number 100.

UNIT 2

Story : Lesson 3 (Quality)

Poem : Lesson 6 (John Brown)

Play : Act 1 scene 1 and scene 2

FINAL EXAMINATION

Story : Lesson 1 (Salvatore)

Lesson 2 (Fritz)

Lesson 3 (Quality)

Lesson 6 (The Chinese Statue)

Poems : Lesson 3 (The Dolphins)

Lesson 4 (The Gift Of India)

Lesson 6 (John Brown)

Lesson 9 (The Spider and the Fly)

Play : Act 1 to Act 3

MATHEMATICS

UNIT 1

chapter 5 --- Complex Number

HALF YEARLY EXAMINATION

Chapter 4---- Mathematical induction

Chapter 5----- Complex Number

Chapter 6---- Quadratic equations

Chapter 7---- Linear inequalities

Chapter 8---- Permutations and combinations

Chapter 9---- Binomial theorem

Chapter 10---- Sequences and series

UNIT 2

Chapter 1--- sets

Chapter 3--- Trigonometry

FINAL EXAMINATION

Full course) (Including unit 1, unit 2 and half yearly)

Chapter 2--- Relations and Functions

Chapter 11--- Straight lines

Chapter 12--- Circles

Chapter 13--- Limits and derivatives

Chapter 14--- Statistics

Chapter 15--- Probability

(SECTION - B)

Chapter 1--- Conic sections

Chapter 2---- Three dimensional geometry

Chapter 3--- Mathematical reasoning

(SECTION - C)

Chapter 1--- Statistics

Chapter 2--- Correlation analysis

Chapter 3--- Index numbers and moving averages

COMPUTER SCIENCE

UNIT 1

Ch 1. Data Representation(Number Systems)

Ch 2. Encoding

Ch 3. Propositional Logic, Hardware Implementation and Arithmetical Operations
(Unit I and Unit II)

Ch 4. Introduction to Java Language(Unit I, Unit II and Unit III)

HALF YEARLY EXAMINATION

Ch 5. Concept of Data Types

Ch 6. Operators and Expressions

Ch 7. Conditional and Looping Statements

Ch 8. Methods and Constructors(Unit I and Unit II)

Ch 9. Character Handling and String Manipulations

10. Array : Single and Double Dimensional

UNIT 2

Ch 11. Basic Input/output Data File Handling

Ch 12. Recursion

FINAL EXAMINATION

Ch 13. Implementation of Algorithms to solve problems.

Ch 15. Trends in Computing and Ethical Issues

VALUE EDUCATION

UNIT 1

1- Self -Respect

HALF YEARLY EXAMINATION

1-Self-Respect

2-Vital Virtues

4-Ego Hurts; Humility Uplifts

5- Relationships

7-Perseverance

UNIT 2

8-Optimism

9-Art of Speaking

FINAL EXAMINATION

8-Optimism

- 9-Art of Speaking
- 11-Internet: A Necessary Evil
- 12-Career
- 13-Humaneness
- 15- Forgiveness
