



DISTRICT LEVEL INTERNAL EXAMINATION COMMITTEE (DLIEC)
FOR
CLASS XI (H.S. 1ST YEAR) AND CLASS XII (H.S. 2ND YEAR)
DISTRICT: SRIBHUMI

Syllabus for Half Yearly Examination 2026

(Science)

[Higher Secondary 1st Year (Class- XI)]

SUBJECT: CHEMISTRY

Sl. No.	UNIT/CHAPTER	CONTENTS
1.	Unit 1: Some Basic Concepts of Chemistry	All contents prescribed in the syllabus
2.	Unit 2: Structure of Atom	All contents prescribed in the syllabus
3.	Unit 3: Classification of Elements and Periodicity in Properties	All contents prescribed in the syllabus
4.	Unit 4: Chemical Bonding and Molecular Structure	All contents prescribed in the syllabus

SUBJECT: PHYSICS

SL. NO.	UNIT/CHAPTER	CONTENTS
1.	Unit I: Physical World and Measurement Chapter 1: Physical World Chapter 2: Units and Measurements	All contents prescribed in the syllabus
2.	Unit II: Kinematics Chapter 3: Motion in a straight line Chapter 4: Motion in a Plane	All contents prescribed in the syllabus

3.	Unit III: Laws of Motion Chapter 5: Laws of Motion	All contents prescribed in the syllabus
4.	Unit IV: Work, Energy and Power Chapter 6: Work, Energy and Power	All contents prescribed in the syllabus

SUBJECT: MATHEMATICS

SL. NO.	UNIT/CHAPTER	CONTENTS
1.	Unit I: Sets and Functions (Sets, Relations and Functions, Trigonometric Functions)	All contents prescribed in the syllabus
2.	Unit II: Algebra (Complex Numbers and Quadratic Equations, Linear Inequalities)	All contents prescribed in the syllabus

SUBJECT: BIOLOGY

BOTANY		
SL. NO.	UNIT/CHAPTER	CONTENTS
1.	Unit I: Diversity in the Living World (Chapter 1: The Living World)	All contents prescribed in the syllabus
2.	Unit I: Diversity in the Living World (Chapter 2: Biological Classification)	All contents prescribed in the syllabus
3.	Unit I: Diversity in the Living World (Chapter 3: Plant Kingdom)	All contents prescribed in the syllabus
4.	Unit II: Structural Organisation in Plants and Animals (Chapter 5: Morphology of Flowering Plants)	All contents prescribed in the syllabus
5.	Unit II: Structural Organisation in Plants and Animals (Chapter 6: Anatomy of Flowering Plants)	All contents prescribed in the syllabus

6.	Unit III: Cell: Structure and Functions (Chapter 8: Cell: The Unit of Life)	All contents prescribed in the syllabus
ZOOLOGY		
7.	Unit I: Diversity in the Living World (Chapter 4: Animal Kingdom)	All contents prescribed in the syllabus
8.	Unit II: Structural Organisation in Plants and Animals (Chapter 7: Structural Organisation in Animals)	All contents prescribed in the syllabus
9.	Unit III: Cell: Structure and Functions (Chapter 9: Biomolecules)	All contents prescribed in the syllabus
10.	Unit III: Cell: Structure and Functions (Chapter 10: Cell Cycle and Division)	All contents prescribed in the syllabus

SUBJECT: COMPUTER SCIENCE AND APPLICATION

SL. NO.	UNIT/CHAPTER	CONTENTS
1.	Unit 1: Computer Fundamentals	All contents prescribed in the syllabus
2.	Unit 2: Introduction To C++	All contents prescribed in the syllabus

SUBJECT: STATISTICS

SL. NO.	UNIT/CHAPTER	CONTENTS
1.	Unit I: (a) Algebra	All contents prescribed in the syllabus
2.	Unit I: (b) Calculus	All contents prescribed in the syllabus
3.	Unit II: Descriptive Statistics	Meaning of Statistics- Statistical data and Statistics subject. Origin, Development, Scope and limitations of Statistics. Idea of Statistical population and sample. Different types of data- primary and secondary data and methods of their collection. Time series data, Spatial data, Attribute (qualitative) data and Variable (quantitative) data. Frequency distribution, Graphical representation of frequency distribution Histogram, Frequency polygon, Frequency curve, Ogive. Measures of location- Arithmetic mean, Geometric mean, Harmonic mean, Median, Mode and their properties. Partition Values- Quartiles, Deciles, Percentiles. Graphical location of Mode, Quartiles, Deciles and Percentiles.