English Core

Reading Section
• Comprehensions
• Note making
Writing Section
• Classifieds
• Poster making
• Speech writing
• Debate Writing

Grammar Section:
• Sentence reordering
• Gap filling
• Transformation of sentences

Literature:(Hornbill book)
Ch- The Portrait of a Lady
Ch-We're not Afraid to Die.....if We all can be together
Ch-Discovering Tut -the saga continues
Ch- Silk Road
Ch- The Adventure

Poems:
A Photograph
The Laburnum Top
The Voice of the Rain
Childhood
Father to son

(Snapshot book)
Ch- The Summer of the Beautiful White Horse
Ch- The Address
Ch- Mother's Day
Ch- Birth
Poem-The Tale of Melon City

Mathematics:

1) Sets
2) Relation and Function
3) Trigonometry
4) complex number
5) Quadratic equations
6) Linear inequations
7) permutations and combinations
8) binomial Theorem
9) G.P
10) Straight lines
11) Circle
12) parabola
13) Ellipse
14) Hyperbola
15) Three dimensional geometry
16) Limits and derivatives
17) Statistics
18) Probability

Physics:

1 unit and measurement.
2 Motion in straight line.
3 Motion in a plane.
4 Laws of motion.
5 Work power energy.
6 System of particles and rotational motion.
7 Gravitation.
8 Mechanical properties of solids.
9 Mechanical properties of fluids.
10 Thermal properties of matter.
11 Thermodynamics.
12 Kinetic Theory of Gases.
13 Oscillations.
14 Waves.

Chemistry

1. Some basic concepts of chemistry
2. Structure of atom
3. Classification of elements and periodicity in properties .
4. Chemical bonding and molecular structure
5. Thermodynamics
6. Equilibrium
7. Redox reactions
8. organic chemistry and some basic principles and techniques.
9. Hydrocarbons

Biology

1. The Living World
2. Biological Classification
3. Animal Kingdom
4. Morphology of Flowering Plants
5. Anatomy of Flowering Plants
6. Cell-The Unit of Life
7. Biomolecules
8. Cell Cycle and Cell Division
9. Photosynthesis in Higher Plants
10. Respiration in Plants
11. Breathing and Exchange of Gases
12. Body Fluids and Circulation
13. Excretory Products and their Elimination
14. Locomotion and Movement
15. Chemical Coordination and Integration

Economics:

Micro Economics

1. Introduction
2. Consumer's equilibrium
3. Demand
4. Elasticity of demand
5. Production function.
6. Cost
7. Revenue
8. Producer's equilibrium
9. Supply
10. Main market forms
11. Price determination and Simple applications

Statistics for Economics

1. Introduction
2. Meaning,scope and importance of Statistics
3. Collection of data
4. Organisation of data
5. Tabular presentation
6. Diagrammatic presentation
7. Graphic presentation
8. Measures of Central Tendency -Arithmetic mean
9. Measures of central tendency -Median and mode
10. Measures of correlation
11. Index numbers

Computer Science with Python:

1. Boolean logic
2. Number System
3. Familiarization with the basics of Python programming
4. Knowledge of data types
5. Operators & Expressions
6 Errors- syntax errors, logical errors, and run-time errors
7. Flow of Control
8. Conditional statements: if, if-else, if-elif-else
9. Iterative Statement(looping and jumping statement)
10. Strings
11. Lists
12. Tuples
13. Dictionary
14. Introduction to Python modules

हिन्दी पाठ्यक्रम

गद्य खंड

1 नमक का दारोगा	2 मियां नसीरुद्दीन	3 अपू के साथ ढ़ाई साल
4 विदाई संभाषण	5 गलता लोहा	6 रजनी
7 जामुन का पेड़	8 भारत माता	

काव्य खंड

1 कबीर (प्रथम पद)	2 मीरा (प्रथम पद)	3 घर की याद
4 चम्पा काले काले अच्छर नहीं चीन्हती		5 गज़ल
6 अक्क महादेवी	7 सबसे खतरनाक	8 आओ मिलकर बचाएं

वितान

1 भारतीय गायिकाओं में बेजोड़ लता मंगेशकर	2 राजस्थान की रजत बूंदे
3 आलो आंधारी	

व्याकरण

1 अपठित गद्यांश	2 अपठित काव्यांश	3 जनसंचार
4 पत्र	5 अनुच्छेद लेखन	6 कथा पटकथा
7 शब्दकोश	8 संदर्भ ग्रंथ	