ENGLISH

Term 1

Section A : Reading
1. Unseen passages for comprehension. **(First Unit Test)**
2. Note making - heading, subheading format.

Section B : Writing Skills and Grammar
1. Short writing skill : Notice, Poster **(First Unit Test)**
2. Letters
   a) Business and official letters for making enquiries, asking for and giving information, letter of complaint
   b) To the editor - on issues of public interest.
3 & 4 Article / Speech / Debate
Grammar - Determiners, tenses, modals, (Integrated) **(First Unit Test)**

Section C : Literature
Hornbill
Lesson 1   Portrait of a Lady **(First Unit Test)**
Lesson 2   We are not Afraid to Die . . .
Lesson 3   Discovering Tut
Poetry
A Photograph   **(First Unit Test)**
The Voice of the Rain
Snapshots
   Lesson 1   Summer of the Beautiful ....
   Lesson 2   The Address
   Lesson 3   Ranga's Marriage
   Novel : Canterville Ghost - Chapters 1, 2 and 3.

Term 2

Section A : Reading
1. Reading for comprehension.
2. Note making - Revision of first term format.

Section B : Writing
1. Short Writing Skill : Advertisement
2. Letters
   a) Business and official - registering complaints, placing orders and sending replies
   b) Letter to School (College authorities regarding admissions etc.)
   c) Application for a job – with and without biodata
   d) Revision of first term letters
Grammar - Revision of first term items (Integrated)

Section C : Literature
Hornbill
Lesson 5   The Ailing Planet
Lesson 6   The Browning Version
Poetry
Childhood
Father to Son
Snapshots
Lesson 4   Albert Einstein at School
   Lesson 5   Mother's Day
   Lesson 7   Birth
   Lesson 8   Tale of Melon City
   Novel : Canterville Ghost - Chapters 1 to 7.

Speaking and Listening Assessment (ASL) will be conducted as per the CBSE guidelines.

MATHEMATICS

Term 1	Chapter 6	Linear Inequalities ** **(First Unit Test)**
	Chapter 4	Principle of Mathematical Induction **(First Unit Test)**
	Chapter 3	Trigonometric Functions
	Chapter 5	Complex Numbers and Quadratic Equations
	Chapter 9	Sequence and Series
	Chapter 7	Permutation and Combination
Term 2	Chapter 8	Bionomial Theorem **(Second Unit Test)**
	Chapter 10	Straight Lines **(Second Unit Test)**
	Chapter 11	Conic Sections
	Chapter 12	Introduction to 3-Dimensional Geometry
	Chapter 1	Sets
	Chapter 2	Relations and Functions
	Chapter 16	Probability
	Chapter 15	Statistics
	Supplementary	Trigonometry
	Chapter 13	Limits and Derivatives

** included in second term

PHYSICS

Term 1   Unit - I   Physical World & Measurement   **(First Unit Test)**
            Unit - II   Kinematics
            Unit - III   Laws of Motion
            Unit - IV   Work, Energy and Power
Term 2   Unit - V   Motion of System of Particles and Rigid Body **(Second Unit Test)**
            Unit - VI   Gravitation
            Unit - VII   Properties of Bulk Matter
            Unit - VIII   Thermodynamics
            Unit - IX   Behaviour of Perfect Gas & Kinetic Theory of Gases
            Unit - X   Oscillations and Waves

CHEMISTRY

Term 1   Unit I   Some Basic Concepts (12 marks) Only simple numericals on laws. **(First Unit Test)**
            Unit II   Structure of Atom (12 marks)
            Unit III   Classification of Elements and Periodicity in Properties   (12 marks)
            Unit IV   Chemical Bonding and Molecular Structure   (12 marks)
            Unit VI   Thermodynamics (12 marks)
            Theory involved in practicals (10 marks)
Term 2   Unit VII   Equilibrium (10 marks)
            Unit VIII   Redox Reactions (8 marks)
            Unit XII   Organic (some basic principles) (12 marks)
            Unit XIII   Hydrocarbons   (12 marks)
            Unit X   S-Block Elements (6 marks)
            Unit XI   P-Block Elements (6 marks)
            Unit I   Mole Concept (4 marks)   (Mole/Wt, Mole/Volume, Mole/Number relationship.
                          Concentration of solutions - Molarity, Molality, Mole Fraction, calculations based
                          on chemical equations)
            Unit III   From Term I (6 marks) (From Modern Periodic Table onwards)
            Unit IV   From Term I (6 marks)

BIOLOGY

Term 1   Unit I   DIVERSITY IN THE LIVING WORLD
            Chapter 1   The Living World **(First Unit Test)**
            Chapter 2   Biological Classification   **(Firs Unit Test)** From page 16-22 (upto Protista)
            Chapter 3   Plant Kingdom
            Chapter 4   Animal Kingdom
            Unit II   STRUCTURAL ORGANISATION IN PLANTS AND ANIMALS
            Chapter 5   Morphology of Flowering Plants
            Chapter 6   Anatomy of Flowering Plants
            Chapter 7   Structural Organisation in Animals
            Unit III CELL : STRUCTURE AND FUNCTIONS
            Chapter 8   Cell: The Unit of Life
            Chapter 9   Biomolecules
            Chapter 10   Cell Cycle and Cell Division
Term 2   Unit IV   PLANT PHYSIOLOGY
            Chapter 11   Transport in Plants **(Second Unit Test)**
            Chapter 12   Mineral Nutrition **(Second Unit Test)**
            Chapter 13   Photosynthesis in Higher Plants
            Chapter 14   Respiration in Plants
            Chapter 15   Plant Growth and Development
            Unit V   HUMAN PHYSIOLOGY
            Chapter 16   Digestion and Absorption
            Chapter 17   Breathing and Exchange of Gases
            Chapter 18   Body Fluids and Circulation
            Chapter 19   Excretory Products and their Elimination
            Chapter 20   Locomotion and Movement
            Chapter 21   Neural Control and Coordination
            Chapter 22   Chemical Coordination and Integration

ECONOMICS

Term 1   PART – A   Statistics for Economics
            Chapter 1   Introduction   **(First Unit Test)**
            Chapter 2   Collection of Data
            Chapter 3   Organization of Data
            Chapter 4   Presentation of Data
            Chapter 5   Measures of Central Tendency
            PART – B   Indian Economic Development
            Chapter 1   Indian Economy on the Eve of Independence **(First Unit Test)**
            Chapter 2   Indian Economy 1950 - 90
            Chapter 3   Liberalisation, Privatisation and Globalisation : An appraisal
            Chapter 4   Poverty

Term 2   PART – A   Statistics for Economics
                Chapter 6   Measures of Dispersion **(Second Unit Test)** (Range, Quartile Deviation - both
                                             absolute and relative measures)

                Chapter 7   Correlation
                Chapter 8   Index Numbers
                PART – B   Indian Economic Development
                Chapter 5   Human Capital Formation in India **(Second Unit Test)**
                Chapter 6   Rural Development **(Second Unit Test)**
                Chapter 7   Employment : Growth, Informalisation and other issues.
                Chapter 8   Infrastructure
                Chapter 9   Environment and Sustainable Development
                Chapter 10   Comparative Development Experiences of India and its Neighbours.
                Chapter 11   Inflation - Problems and Policies
                PART – C   Developing Projects in Economics

BUSINESS STUDIES
Term 1   Part A – Foundation of Business
                Unit 1   Nature and Purpose of Business **(First Unit Test)**
                Unit 2(A)   Forms of Business Organisation **(First Unit Test)**
                Unit 3   Private, Public and Global Enterprises
                Unit 4   Business Services
                Unit 5   Emerging Modes of Business
                Unit 6   Social Responsibilities of Business and Business Ethics

Term 2   Unit 2(B)   Formation of a Company **(Second Unit Test)**
                Part B – Corporate Organisation, Finance and Trade
                Unit 7   Sources of Business Finance **(Second Unit Test)**
                Unit 8   Small Business **(Second Unit Test)**
                Unit 9   Internal Trade
                Unit 10   International Business

Project will be given after the Half Yearly Examination and it is to be completed by December 20, 2015.

ACCOUNTANCY
Term 1   Part A - Financial Accounting I
                Unit 1   Introduction to Accounting **(First Unit Test)**
                Unit 2   Theory Base of Accounting **(First Unit Test)**
                Unit 3   Recording of Transactions
                Unit 4   Preparation of Ledger, Trial Balance and Bank Reconciliation Statement
                Unit 5   Depreciation, Provisions and Reserves
Term 2   Unit 6   Rectification of Errors
                Unit 7   Bills of Exchange   **(Second Unit Test)**
                Part B - Financial Accounting II
                Unit 8   Financial Statements of Sole Proprietorship (with or without adjustments) **(Second Unit
                                                                                                            Test)**

                Unit 9   Financial Statements of Not-for-Profit Organisations
                Unit 10 Accounts from Incomplete Records
                Unit 11 Computers in Accounting
                Unit 12 Accounting and Data Base System

Project will be given after the Half Yearly Examination and it is to be completed by December 20, 2015.

COMPUTER SCIENCE
Term 1   1.   Getting started with C++ **(First Unit Test)**
                2.   Data types, Variables and Constants **(First Unit Test)**
                3.   Operators and Expressions in C++ **(First Unit Test)**
                4.   Flow of Controls
                5.   if ......else, switch-case, for, while, Do-while loops.

Term 2   1.   Standard Library Functions **(Second Unit Test)**
                        - String
                        - Character
                        - Math
                        - Other Functions
                2.   Arrays - **(Second Unit Test)**
                        - One Dimensional
                        - Two Dimensional
                3.   User Defined Functions
                4.   User Defined Datatypes
                5.   Structures
Final Term   Complete Syllabus

INFORMATICS PRACTICES

Term 1   1.   Introduction to Data Base concepts **(First Unit Test)**
               2.   Classification of SQL statements **(First Unit Test)**
               3.   Creating and using a Database **First Unit Test)**
               4.   Creating a Table **(First Unit Test)**
               5.   Displaying Table Data **(First Unit Test)**
               6.   Manipulating Data of a Table **(First Unit Test)**
               7.   Restructuring a Table
               8.   Functions in MySQL

Term 2   1.   Getting started with Programming using IDE **(Second Unit Test)**
               2.   Data types **(Second Unit Test)**
               3.   Variables **(Second Unit Test)**
               4.   Operators **(Second Unit Test)**
               5.   Control Structures
               6.   Constraints in MySQL

PHYSICAL EDUCATION

Term 1   Unit 1   Physical Fitness, Wellness and Lifestyle **(First Unit Test)**
               Unit 2   Changing Trends and Career In Physical Education **(First Unit Test)**
               Unit 3   Olympic Movement
               Unit 4   Yoga
               Unit 5   Doping
Term 2   Unit 6   Management of Injuries **(Second Unit Test)**
               Unit 7   Test and Measurement in Sports **(Second Unit Test)**
               Unit 8   Fundamentals of Anatomy and Physiology
               Unit 9   Biomechanics and Sports
               Unit 10 Psychology and Sports
               Unit 11 Training in Sports

SUPW - Electronics

Term 1   Explanation of basic components for making of FM radio.
               Resistance colour coding, condensors, coils.
               Visual Demonstration
               AM & FM Radio receiver working using Block Diagram.
Term 2   How to make a good solder joint? Practical on square matrix PCB.
               Layout plan of PCB for an FM Radio.
               Components identification and cross-check before mounting on PCB.
               Components mounting on PCB and cross-checking.
               Soldering on FM PCB with tin wire (as component)
               Soldering on FM PCB after mounting of components.
               FM Radio final testing of wiring for speaker and antenna.

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