

SYLLABUS FOR THE ACADEMIC YEAR 2018-2019

CLASS: XI

SUBJECT: ENGLISH

Writing Skills: 4 Marks- Notice/Poster/Classified Advertisement/Invitation

Writing Skills: 6 Marks-Letter Writing- Formal, Informal, Letter to Editor, CL

- The Portrait of a Lady (H), A Photograph (H),
- The Summer of a Beautiful White Horse(S)
- **CYCLE TEST - I (July - 25)**
- We are not afraid to die... ..(H),Poem :
- The Address (S),
- Ranga's Marriage
- **TERM TEST -I (September - 24)**
- Discovering Tut
- The Laburnum Top (H)
- **CYCLE TEST - II (November - 01)**
- ,Landscape of the Soul (H)
- Voice of the Rain (H)
- Albert Einstein at School (S),
- The Ailing Planet
- The Browning Version (H),
- Mother's Day (S)
- The Ghat of the only World (S)
- **TERM TEST - II (December - 14)**
- The Adventure (H)
- Poem : Father To Son Childhood(H)
- Silk Road (H), The Melon City (S),
- **Annual Exam (February - 14)**

SUBJECT: MATHS

- Sets
- Relation And Function
- Trigonometric Function
- **C Y C L E T E S T - I (J u l y - 2 5)**
- Principle Of Mathematical Induction
- Complex Number
- Permutation and Combination
- Binomial Theorem
- Linear Inequality
- **T E R M T E S T - I (S e p t e m b e r - 2 4)**
- Sequence And Series
- Straight Line
- **C Y C L E T E S T - I I (N o v e m b e r - 0 1)**
- Conic Section
- Limits And Derivatives
- **T E R M T E S T - I I (D e c e m b e r - 1 4)**
- Statistics
- Probability
- Mathematical Reasoning
- **A n n u a l E x a m (F e b r u a r y - 1 4)**

SUBJECT: PHYSICS

- Ch 1-Physical World
- Ch 2-Units & Dimensions
- Ch 3 -Motion In Straight Line
- **C Y C L E T E S T - I (J u l y - 2 5)**
- Ch 4-Motion In A Plane
- Ch 5-Laws Of Motion
- Ch 6- Work Energy Power
- Ch 7-System Of Particles and Rotational Motion
- **T E R M T E S T - I (S e p t e m b e r - 2 4)**
- Ch 8 - Gravitation
- Ch 9- Mechanical Properties Of Solids
- **C Y C L E T E S T - I I (N o v e m b e r - 0 1)**
- Ch 10-Mechanical Properties Of Fluids
- Ch 11-Thermol Properties Of Matter
- Ch 12-Thermodynamics
- Ch 13-Kinetic Theory of Gases
- **T E R M T E S T - I I (D e c e m b e r - 1 4)**
- Ch 14-Oscillations and waves
- Ch 15- Ray optics
- **A N N U A L E X A M (F e b r u a r y - 1 4)**

SUBJECT: CHEMISTRY

- Unit 1: Some Basic Concepts Of Chemistry
- Unit 2; Structure of Atom
- **CYCLE TEST - I (July - 25)**
- Unit 12: Organic Chemistry - Basic Principles and Techniques
- Unit 6: Chemical Bonding and Molecular Structure
- Unit 9; hydrogen
- Unit 13: Hydrocarbons
- **TERM TEST - I (September - 24)**
- Unit 10: S-Block Elements
- Unit 11; Pblock element
- **CYCLE TEST - II (November - 01)**
- Unit 5; States of Matter
- Unit 6; Thermodynamics
- Unit 7 ;Equilibrium
- Unit 8 ;Redox reactions
- **TERM TEST - II (December - 14),**
- Unit 14: Environmental Chemistry
- **ANNUAL EXAM (February - 14)**

SUBJECT: BIOLOGY

- 1. The Living World
- 2. Biological Classification
- 3. Plant Kingdom
- **CYCLE TEST - I (July - 25)**
- 4. Animal Kingdom
- 5. Morphology Of Flowering Plants
- 6. Anatomy Of Flowering Plants
- 7. Structural Organisation In Animals
- 8. Cell: Unit Of Life
- 9. Biomolecules
- **TERM TEST - I (September - 24)**
- 10. Cell Cycle & Cell Division
- 11. Transport In Plants
- 12. Mineral Nutrition
- **CYCLE TEST - II (November-01)**
- 13. Photosynthesis In Higher Plants
- 14. Respiration In Plants
- 15. Plant Growth & Development
- 16. Digestion & Absorption
- **TERM TEST - II (December - 14)**
- 17. Breathing & Exchange Of Gases
- 18. Body Fluids & Circulation
- 19. Excretory Products & Their Elimination
- 20. Locomotion & Movement
- 21. Neural Control & Coordination
- 22. Chemical Control & Integration
- **ANNUAL EXAM (February - 14)**

SUBJECT: HOME SCIENCE

- Ch-1 Introduction: Evolution of the discipline and its relevance to the quality of life
- Ch-2 Understanding the self
 - "Who am I" ?
 - Development and Characteristics of the self
 - Influences on identity
 - Biological and physical changes
 - Socio-cultural contexts
 - Emotional changes
 - Cognitive changes
- Ch-3 Food, nutrition, health and fitness-
- **CYCLE TEST - I (July - 25)**
- Ch-4 Management of resources – time, money, energy and space
- Ch-5 Fabric around Us- Introduction, Fibre properties, Classification of textile fibres, Yarns, Fabric production, Textile Finishing.
- Ch-6 Media and communication technology- Communication
- **TERM TEST - I (September - 24)**
- Ch-7 Relationships and interactions with „significant others .
- Ch-8 Concerns and needs in diverse contexts: Family, school, community and society Key areas:
- **CYCLE TEST - II (November - 01)**
- Ch-9 Survival, Growth and Development- Meaning, areas, stages in development
- Ch-10 Nutrition, Health and Wellbeing- Introduction, Nutrition, Health and Wellbeing during infancy; Nutrition, Health and Wellbeing of preschool children Management in Home
- Ch-11 Care and Education- Introduction, Infancy & early childhood years.
- Ch-12 Our Apparel- Clothing functions and the selection of clothes
- **TERM TEST - II (December – 14)**
- Ch-13 Health and Wellness- Health scenario in India, Healthy persons, Fitness, To Fibre Science
- Ch-14 Financial Management and Planning – Introduction, Family Income, Construction
- Ch-15 Care and of Fabrics – Introduction, Mending, Laundry, Stain removal, Of Fabrics
- **ANNUAL EXAM (February - 14)**

SUBJECT: BUSINESS STUDIES

- Nature and purpose of Business
- Forms of Business Organization
- **C Y C L E T E S T - I (J u l y - 2 5)**
- Public, Private and Global enterprises
- Business services
- Emerging modes of Business
- **T E R M T E S T - I (S e p t e m b e r - 2 4)**
- Social responsibility of Business and Business ethics
- Sources Of Business Finance
- **C Y C L E T E S T - I I (N o v e m b e r - 0 1)**
- Small Business
- Internal Trade
- **T E R M T E S T - I I (D e c e m b e r - 1 4)**
- International Business
- **A N N U A L E X A M (F e b r u a r y - 1 4)**

SUBJECT: ECONOMICS

- Micro Economics – Introduction
- Consumer's Equilibrium & Demand
- Statistics : Introduction
- **C Y C L E T E S T - I (J u l y - 2 5)**
- Collection of Data
- Organization of Data
- Presentation of Data
- Production Function & Returns to a factor
- **T E R M T E S T - I (S e p t e m b e r - 2 4)**
- Measures Of Central Tendency
- Use of Statistical Tools
- Statistics : Measures of Dispersion
- **C Y C L E T E S T - I I (N o v m b e r - 0 1)**
- Forms of Market & Price determination
- **T E R M T E S T - I I (D e c e m b e r - 1 4)**
- Correlation
- Index Numbers
- **A N N U A L E X A M (F e b r u a r y - 1 4)**

SUBJECT: ACCOUNTANCY

- Introduction of Accounting
- Theory Base Of Accounting
- Recording Of Transactions – I
- **C Y C L E T E S T - I (J u l y - 2 5)**
- Recording Of Transactions – II
- Trial Balance
- Bank Reconciliation Statement
- **T E R M T E S T - I (S e p t e m b e r - 2 4)**
- Rectification Of Errors
- Depreciation Provisions & Reserves
- **C Y C L E T E S T - I I (N o v e m b e r - 0 1)**
- Bill Of Exchange
- Financial Statement - I
- Financial Statement - II
- **T E R M T E S T - I I (D e c e m b e r - 1 4)**
- Accounts from Incomplete Records
- **A N N U A L E X A M (F e b r u a r y - 1 4)**

SUBJECT: COMPUTER SCIENCE (Informatics Practices)

- Hardware Concepts
- Software Concepts and Productivity tools
- **CYCLE TEST - I (July - 25)**
- i) Information Security and Social Networking
- ii) Getting started with IDE Programming
- iii) Programming Fundamentals
- **TERM TEST - I (September - 24)**
- i) Control Structures
- ii) Programming Guidelines
- **CYCLE TEST - II (November - 01)**
- i) Introduction To My SQL
- ii) My SQL
- Functions in My SQL
- **TERM TEST - II (December - 14)**
- IT Applications
- **ANNUAL EXAM (February - 14)**

SUBJECT: COMPUTER SCIENCE (C++)

- Computer Overview
- Software Concepts (till application software)
- **CYCLE TEST - I (July - 25)**
- i) Software Concepts (continuation)
- ii) Data Representation
- iii) Microprocessor Basics and Memory Representation
- General OOPS Concepts
- **TERM TEST - I (September - 24)**
- i) Getting Started with C++
- ii) Data Handling
- iii) Operators and Expressions
- **CYCLE TEST - II (November - 01)**
- i) C++ as per latest C++ 11 Standard
- ii) Flow of Control
- iii) Functions
- vi) Structure Data type Array
- i) Structure
- **TERM TEST - II (December - 14)**
- i) Structure (continuation)
- ii) Programming Methodology
- **ANNUAL EXAM (February - 14)**

SUBJECT: ARABIC

- Lesson No.1
- Lesson No.2
- Lesson No.3
- Lesson No.4
- Lesson No.5
- Lesson No.6
- **CYCLE TEST - I (July - 25)**
- Lesson No.7
- Lesson No.8
- Lesson No.9
- Lesson No.10
- Lesson No.11
- Lesson No.12
- Lesson No.13
- **TERM TEST - I (September - 24)**
- Lesson No.14
- Lesson No.15
- **CYCLE TEST - II (November - 01)**
- Lesson No.16
- Lesson No.17
- Lesson No.18
- Lesson No.19
- Lesson No.20
- **TERM TEST - II (December - 14)**
- **ANNUAL EXAM (February - 14)**

SUBJECT: PHYSICAL EDUCATION

- Physical fitness, Wellness and life style.
- Indicators of Health
- Changing trends and career in Physical education.
- Concepts and Principles of Integrated Physical education.
- Physical fitness test for Physical education students.
- Olympic Movement. Ancient and Modern Olympic games.
- International Olympic committee.
- Organisational set-up of CBSE sports and Chacha Nehru sports awards.
- **CYCLE TEST - I (July - 25)**
- Conduct house wise Track and field events for sports day. Yoga.
- Prevention and Management of common life style diseases, Obesity, Diabetes, Hypertension and Back pain.
- Management of Injuries.
- First-aid in common sports injuries.
- Test and Measurements.
- Somato types (Endomorphy). Procedures of Anthropometric Measurement
- Somato Types (Mesomorphy and Ectomorphy) First-Aid Practical Class.
- **TERM TEST - I (September - 24)**
- Fundamentals of Anatomy and Physiology.
- Function of Skeletal System .
- Classification of bones and types of joints.
- Structure of Heart and introduction to Circulatory system .
- Function and structure of Respiratory system .
- Theory and Practical class for track and field events
- **CYCLE TEST - II (November - 01)**
- Biomechanics and sports. Meaning and importance.
- Newton's Law of motion and their application in sports.
- Levers and its types and its application in sports.
- Fundamental skills in Football
- Equilibrium and Force - Centrifugal and Centripetal
- Fundamental skills in Shuttle Badminton and Handball
- Psychology and Sports.
- Stages of Growth and development.
- Meaning and concept of sports training.
- Warming up and limbering down.
- Specialisation skills practise.
- Athletic skills practise.
- **TERM TEST - II (December - 14)**
- **ANNUAL EXAM (February - 14)**