



TYNDALE-BISCOE AND MALLINSON SCHOOL

SYLLABUS FOR CLASS-XI

UNIT-I (Session: 2016-17)



ENGLISH

1. The Suitor Papa
2. The Star Ducks
3. The Daffodils
4. Quality

GRAMMAR:

1. Tenses
2. Structure of Sentences
3. Poetic Devices / Techniques

MATHEMATICS

1. Sets
2. Relations and Functions
3. Trigonometry
4. Principals of Mathematical Induction

FUNCTIONAL ENGLISH

1. Life on Mars
2. Wings of Fire
3. How to Prevent Early Ageing of Brain
4. Messages
5. Notices
1. Electronic Mail

Literature Reader

Lang. Skills

PHYSICS

1. Physical World and Measurement
2. Vectors
3. Mathematical Tools
4. Kinematics

CHEMISTRY

1. Some Basic Concepts in Chemistry
2. Structure of Atom
3. Classification of Elements and Periodicity in Properties

BOTANY

Diversity of Life (Variety of living organisms upto Lichens)

ZOOLOGY

1. Characteristic Features of Living Organisms
2. Salient Features of Animals
(Non-Chordates upto Phylum Level & chordates upto class level)
3. Zoological Parks, Natural Museum

ENVIRONMENTAL SCIENCE

1. Understanding Environment
2. Living Being in Ecosystem
3. Ecosystem Under Threat-I

INFORMATION PRACTICE

1. Digital Design
2. Computer Fundamentals

TERM-I INCLUDES UNIT-I AS WELL

ENGLISH

1. The Listeners
2. Appa-Mam
3. The many & the none
4. Where the mind is without fear
5. Youth & the tasks ahead

GRAMMAR:

1. Simple, Complex & Compound Sentences.
2. Paragraph Writing
3. Essay Writing

MATHEMATICS

1. Complex Number
2. Linear Inequations
3. Permutations and combinations
4. Limits and Derivative

FUNCTIONAL ENGLISH

1. To Sir, with Love
2. A Devoted Son
3. Tsunami
1. Speech Writing
2. Article writing
3. Pattern of Poster writing

} Literature Reader

} Lang. Skills

PHYSICS

1. Laws of Motion
2. Work, Power, Energy
3. Motion of system of particles & rigid body rotation

CHEMISTRY

1. Chemical Bonding and Molecular structure
2. States of Matter, Gases and Liquids
3. Chemical Thermodynamics
4. Chemical Equilibrium

BOTANY

Taxonomic aids, Morphology of Flowering, Plants and Kingdom plantae.

ZOOLOGY

1. Cell
2. Cell Division
3. Biomolecules
4. Enzymes

ENVIRONMENTAL SCIENCE

1. Ecosystem under threat - II
2. Conservation of the Ecosystem

INFORMATION PRACTICE

1. Software concepts
2. Graphical user Interface (Windows operating system)

SYLLABUS FOR UNIT – II (2015-16)

ENGLISH

1. The Surgeon
2. National Prejudices
3. The Season of the plains
4. The price of flowers
5. A handful of Dates

GRAMMAR

1. Relative Clauses
2. Auxiliaries
3. Letters

PHYSICS

1. Gravitation
2. Properties of bulk matter
3. Heat transfer

CHEMISTRY

1. Redox reaction
2. Hydrogen
3. Some basics concepts in organic chemistry

BOTANY

Anatomy of flowering plants, plant physiology, tissues, mineral nutrition upto essential elements.

ZOOLOGY

1. Epithelial tissue, Muscular tissue, Connective tissue, Nervous tissue.
2. Morphology and Anatomy of Frog Earthworm Cockroach

MATHEMATICS

1. Sequences and Series
2. Binomial Theorem
3. Straight lines

FUNCTIONAL ENGLISH

1. Education
2. Islamic Art
1. Note taking and note making
2. Introducing conversation (Informal)



Lit. Reader

Lang. Skills

INFORMATION PRACTICES

Office Automation --- Word Processor, Spreadsheet, Presentation Software

ENVIRONMENTAL SCIENCE

1. Atmosphere at Risk
2. Land under threat
3. Managing the land

TERM-II INCLUDES UNIT-II AS WELL

ENGLISH

LITERATURE

1. The Mosquito
2. Machines & the Emotions
3. Personal Helicon for Michael Longley
4. The Hangman

GRAMMAR

1. Conditional clauses

PHYSICS

1. Thermodynamics
2. Behavior of perfect gases & kinetic theory
3. Waves & Oscillation

CHEMISTRY

1. S-block elements
2. Some p-block elements
3. Hydrocarbons
4. Environmental Chemistry

BOTANY

Nitrogen Metabolism Photosynthesis - Respiration, Plant Growth and Development

ZOOLOGY

Human Physiology

MATHEMATICS

1. Circles and Conic section
2. Three dimensional geometry
3. Probability
4. Statistics

FUNCTIONAL ENGLISH

1. Nobody here but us chickens
2. English for the telephone
3. Recent actions and activities
4. Preposition
5. The passives

Lit. Reader
Lang. Skills

INFORMATION PRACTICES

Programing Fundamentals
Computer programming (Visual Basic 6.0)

ENVIRONMENTAL SCIENCE

1. Agriculture under threat
2. Managing Agriculture