



TYNDALE-BISCOE AND MALLINSON SCHOOL

SYLLABUS FOR CLASS-XII

UNIT-I (Session: 2016-17)



ENGLISH

LITERATURE SECTION:

1. After Twenty Years
2. Forgetting
3. Once upon a Time
4. Leh
5. Punishment in Kindergarten

GRAMMAR:

1. Transformations; Simple, Compound and Complex Sentences
2. Essay Writing
3. Reference to Context Techniques
4. Poetic Techniques and Poetic Devices
5. Conditionals
6. Passives

MATHEMATICS

1. Relation & Functions
2. Inverse Trigonometric Function
3. Matrices
4. Determinants

FUNCTIONAL ENGLISH

- | | | |
|--|---|-------------------|
| <ol style="list-style-type: none">1. Some Hill Station Ghosts2. The Rightful Inheritors of the Earth3. Ha'penny4. The Devil Outwitted | } | Literature Reader |
| <ol style="list-style-type: none">1. Note Making & Note Taking Skills2. Advertisement (Classified and Commercial)3. Invitations and Replies (Formal and Informal)4. Memorandum5. Circulars | | |

PHYSICS

1. Electro statistics
2. Current Electricity

CHEMISTRY

1. Solutions
2. Chemical Kinetics
3. Haloalkanes & Haloarenes
4. Surface Chemistry

BOTANY

Reproduction in flowering plants upto seed and fruit formation

ZOOLOGY

1. A Sexual Reproduction
2. Human Reproduction
3. Reproductive Health

ENVIRONMENTAL SCIENCE

1. Population and Conservation of Ecology
2. Action on the Atmosphere

(P.T.O)

INFORMATION PRACTICE

1. Visual Basic Programming
2. Networking and Open Standards

TERM-I INCLUDES UNIT-I AS WELL

ENGLISH

LITERATURE SECTION:

- | | |
|------------------------|--------------------------------|
| 1. After apple picking | 2. The cock-fight |
| 3. Dr. C.V. Raman | 4. Love across the salt desert |
| 5. The scare crow | 6. The Sniper |

GRAMMAR SECTION

- | | |
|----------------------------|--------------------|
| 1. Advertisement | 2. Reflexives |
| 3. Conversation techniques | 4. Dairy writing |
| 5. Tenses and Auxiliaries | 6. Relative Clause |
| 7. Narration | |

MATHEMATICS

1. Continuity and Derivative
2. Application of derivative
3. Integration

FUNCTIONAL ENGLISH

- | | | |
|--|---|--------------|
| 1. The Turning Point | } | Lit. Reader |
| 2. Abraham Lincoln's letter to his Son's teacher | | |
| 3. Polar Melt Down | | |
| 4. Don't call out or you'll be shot. | | |
| 1. Reports | } | Lang. Skills |
| 2. Summarising and Condensing | | |
| 3. Tables and their Interpretation | | |
| 4. Interpreting Bar-Charts and Histograms | | |

PHYSICS

1. Magnetic effects of current & magnetism
2. Electromagnetic induction & A.C
3. Electromagnetic waves

CHEMISTRY

1. Solids
2. Alcohol / Phenols / Ethers
3. Electrochemistry
4. Aldehydes / Ketones / Carboxylic acids

BOTANY

Genetics

ZOOLOGY

1. Evolution
2. Genetics

ENVIRONMENTAL SCIENCE

1. Technology and environment
2. Planning & Conservation and protection.

INFORMATION PRACTICE

Working with RDBMS

GOLDEN TEST (FULL SYLLABUS)

ENGLISH

LITERATURE SECTION:

1. Sunrise
2. The Letter – ‘A’
3. The Gumdrop Affair
4. When Autumn Came
5. The Rule of the Road
6. Inkling from the Dark
7. Box and Cox

GRAMMAR SECTION

1. Conjunctions
2. Email and SMS
3. Passage comprehension (Unseen)
4. Dramatic techniques-(Farce, Hyperbole etc)
5. Report Writing
6. Note making
7. Articles
8. Pre- Position
9. Writing a Resume / CV

MATHEMATICS

1. Application of Integration
2. Differential equation
3. Vectors
4. 3D Geometry
5. Linear programming
6. Probability

FUNCTIONAL ENGLISH

1. Forests-Desperate Measures Needed
 2. The Secret of machines (Poem)
 3. Taking up the challenges
 4. The Count’s revenge.
- } Lit. Reader
1. Editing and proof reading
 2. How to face the audience
 3. Summary of main points
 4. Dialect/Accent/Register/Style
- } Lang. Skills

PHYSICS

1. Optics
2. Dual Nature of Matter & Radiation
3. Atomic Nuclei
4. Electronic Devices
5. Communication System

CHEMISTRY

1. Compounds containing nitrogen (Amines, diazonium salts and cyanogen compounds)
2. General principles and process of isolations of elements. (Metallurgy)
3. P, d and f – block elements
4. Co-ordination Chemistry
5. Polymers
6. Bimolecules
7. Chemistry in everyday life

BOTANY

1. Ecology and Environment
2. Biology and human welfare

ZOOLOGY

1. Biology and human welfare
2. Biotechnology and its application

ENVIRONMENTAL SCIENCE

3. Legal regimes for sustainable development
4. Pollution

INFORMATION PRACTICE

3. Web Development using HTML, Project in HTML

NOTE: FULL SYLLABUS PRESCRIBED BY JKBOSE FOR THE GOLDEN TEST i.e. U-I + T-I + SYLLABUS IN THE PLANNER.