

# Tyndale-Biscoe & Mallinson Society

## U-I & U-II SYLLABUS FOR CLASS-VII

(Session 2016-17)

### Subject: English

#### Unit-I

- Literature:** Ploughing the Road  
\* Loud/Silent Reading  
\* Comprehension.  
\* Writing a Report (Guided)
- Poetry:** From a Railway Carriage  
\* Recitation \* Summarization  
\* Comprehension \* Profile of the Poet  
\* Theme of the poem \* Imagery
- Grammar:** Phrases and Clauses (Types)  
\* Simple, Compound and Complex Sentences
- Vocabulary:** Homonyms

#### Unit-II

- Literature:** My Lord, The Baby  
\* Loud / Silent reading  
\* Comprehension  
\* Writing a Dialogue (Independent)  
\* Preparing a Debate Script (Tabular Form)
- Poetry:** The Outsider  
\* Recitation \* Summarization  
\* Theme of the Poem \* Comprehension  
\* Profile of the Poet \* Alliteration
- Grammar:** Nouns  
\* Types (Recap) \* Formation of Nouns  
Pronouns  
\* Pronouns – Recap \* Indefinite, Distributive and Interrogative
- Vocabulary:** Homographs

### Subject: Mathematics

#### Unit-I

##### Integers

- ❖ Recapitulation of Natural Numbers & Whole numbers and Integers
- ❖ Properties of Integers (addition, subtraction, multiplication, division)

##### Lines and Angles

- ❖ Recapitulation of Line, Line Segment & Ray
- ❖ Recapitulation of Angles & Types of Angles
- ❖ Pairs of Angles (Complementary, Supplementary and Adjacent  $\angle$ 's, Linear Pair, Vertically Opposite  $\angle$ 's)
- ❖ Parallel Lines and Transversal

#### Unit-II

##### Fractions

- ❖ Recapitulation of Fractions, Addition & Subtraction of Fractions
- ❖ Multiplication of Fractions
  - Multiplying a Fraction by a Whole Number
  - Multiplying a Fraction by a Fraction
- ❖ Division of Fractions
  - Division of a Fraction by a Whole Number
  - Division of a Fraction by a Fraction

##### Decimals

- ❖ Recapitulation of Decimals, Like & Unlike Decimals, Addition & Subtraction of Decimals
- ❖ Multiplication of Decimals
- ❖ Division of Decimals

##### Properties of Triangles

- ❖ Recapitulation of Triangle & its Types
- ❖ Angle Sum Property of a Triangle
- ❖ Exterior Angle Property of a Triangle
- ❖ Pythagoras Theorem

### Subject: Social Studies

#### History

#### Unit - I

- Topic:** Where, When and How: The Medieval Period of History
- \* Recapitulation of the Ancient Period (India)
  - \* Beginning of the Medieval Period

- \* Sources of information for Medieval History

### Unit-II

**Topic:** New Kings and Kingdoms.

- \* Powerful Dynasties ruling in Northern and Southern India
- \* Turkish Invasions (Project related to Medieval J&K)

### Civics

### Unit-I

**District Administration:**

- \* Districts of India
- \* Administration of the Districts
- \* Introduction about Districts of Jammu and Kashmir

### Unit-II

**(A) The State Government**

- \* Introduction
- \* Three organs of the Government
- \* Composition and functions of the Vidhan Sabha and Vidhan Parishad

**(B) The Central Government**

- \* Three organs of the Government
- \* President
- \* Prime Minister

### Geography

### Unit-I

**Our Environment**

- \* Introduction of Environment (Natural and Manmade Environment)
- \* Types of Natural Environment and Manmade Environment
- \* Global Warming

### Unit-II

**Interior of the Earth**

- \* Introduction
- \* Layers of the Earth's surface
- \* Rocks and Minerals

### Subject: Science

### Physics

### Unit-I

**Topic: Force and Motion**

Motion, Motion is relative, Types of Motion, Simple Pendulum, Speed and Velocity, Distance Displacement, Uniform and Non-Uniform Motion, Acceleration

### Unit-II

**Topic: Mass, Weight and Density** [Concept of latest balances]

Mass and Weight, Comparing Mass and Weight, Measurement of Mass, The Physical Balance, The Spring Balance, Density, Relative Density, Floating and Sinking, Variation of Density with Temperature, Convection Currents [Activity].

### Chemistry

### Unit-I

**Topic: Element and Compounds**

- \* Recapitulation of Elements and Compounds
- \* Concept of Valency and Variable Valency
- \* Concept of Ions, Radicals
- \* Atoms and Molecules
- \* Introduction to Structure of Atoms
- \* Introduction of Organic and Inorganic Compounds

### Unit-II

**Topic: Physical and Chemical Changes**

- \* Recapitulation of Physical and Chemical Changes
- \* Chemical Equations
- \* Different types of Chemical Reactions

### Biology

### Unit-I

**Topic: The Cell**

Discovery of the cell, shape and size of cells, structure of the cell, animal and plant cells, difference between plant and animal cells, cell division

### Unit-II

**Topic: (1) Organisation in the Living World**

Levels of Organization in Individuals, levels of organization beyond the Individual level, conservation of plants & animals (Concept only), General characteristics of organization, plant tissues (meristematic tissue & permanent tissue without types), Animal tissues (epithelial tissue excluding its types, Muscular tissue, connective tissue (excluding types of connective tissue proper, nervous tissue)

**یونٹ اول**

حصہ نثر: اخلاق نبویؐ ، بھلے اور بُرے کی پہچان

حصہ نظم: ترانہ وحدت

مندرجہ بالا اسباق کا مطالعہ، سوالات و جوابات، الفاظ معنی، دیگر مشقی سوالات، اسباق سے متعلق گرائمر،

املائی کام اور خالی جگہیں پُر کرنا۔

قواعد: اسم معرفہ کی قسمیں مع وضاحت

علامت استفہام وضاحت سے کروایا جائے گا۔

واحد جمع، مذکر مونث، اضداد، محاورات

مضمون: اخلاقیات کی اہمیت

درخواست: پرنسپل صاحب کے نام درخواست لکھئے جس میں ایکسکرسن جانے کی گزارش ہو۔

**یونٹ دوم**

حصہ نثر: ڈاک کا انوکھا ٹکٹ، ماحولیاتی توازن کیوں اور کیسے؟

حصہ نظم: نعت شریف

مندرجہ بالا اسباق کا مطالعہ، سوالات و جوابات، الفاظ معنی، دیگر مشقی سوالات، اسباق سے متعلق گرائمر،

املائی کام اور خالی جگہیں پُر کرنا۔

قواعد: اسم نکرہ کی قسمیں (پہلی تین) مع وضاحت

علامت تعجب یا تاسف مع وضاحت

واحد جمع، مذکر مونث، اضداد، محاورات

مضمون: ماحولیاتی آلودگی

خط: دوست کے نام خط لکھئے جس میں اُس کو سالگرہ کے تحفے کے لئے شکر یہ ادا کیا جائے۔

**Subject: Hindi**

**Unit-I**

पाठपुस्तक	अन्याय का विरोध
	ठुकरा दो या प्यार करो (कविता)
व्याकरण	समास की पुनरावृत्ति
	भाषा और व्याकरण
अनुच्छेद	आप अन्याय का विरोध कैसे करेंगे
	अपठित गद्यांश

**Unit-II**

पाठपुस्तक	भगतसिंह की शहादत
	साथी हाथ बढ़ाना
व्याकरण	संज्ञा, लिंग, वचन, सर्वनाम
अनुच्छेद	भगतसिंह का चरित्र चित्रण
अपठित गद्यांश	