



# UNIVERSITY MODEL SCHOOL

DR. B.R. AMBEDKAR UNIVERSITY, AGRA

## SYLLABUS FOR FIRST TERM EXAMINATION- 2024-25

### CLASS – XI (A) SCIENCE

#### ENGLISH LITERATURE:- Hornbill (prose):-

- \* The Portrait of a lady
- \* " We're Not Afraid to Die....if We Can Be Together"
- \* Discovering Tut: The Saga Continues

#### Poem:-

- \* A Photograph
- \* The Laburnum Top

#### Snapshot:-

- \* The Summer of the Beautiful White Horse
- \* The Address

#### Creative Writing Skills:-

- \* Advertisement
- \* Poster
- \* Speech
- \* Debate

#### Grammar:-

- \* Questions on Gap Filling (Tenses, Clauses)

#### PHYSICS :-

Chapter - 1, 2, 3, 4, 5, 6,7,8  
Chapter-1: Physical world  
Chapter-2: Units and measurements  
Chapter-3: Motion in a straight line  
Chapter-4: Motion in a plane  
Chapter-5: Laws of motion  
Chapter-6: Work, energy and power  
Chapter-7: Gravitation

#### CHEMISTRY :-

Chapt. 1: Some basic concept of chemistry.  
Chapt. 2: Atomic structure.  
Chapt. 3: Classification of elements and periodicity in properties.  
Chapt. 4: Chemical bonding and molecular structure.  
Chapt. 6: Chemical thermodynamics.

#### MATHEMATICS :-

Chapt. 1 – Sets.  
Chapt. 2 - Relation and Function.  
Chapt. 3 - Trigonometric functions.  
Chapt. 5 - Complex Numbers and Quadratic Equations.  
Chapt. 6 - Linear Inequality.  
Chapt. 7 – Permutations and Combinations.

Chapt. 7 - Sequence and Series.

Chapt. 8 - Straight Lines.

### **BIOLOGY:-**

#### **Unit -1 (diversity and living world)**

Chapt. 1 - The living world.

Chapt. 2 - Biological classification.

Chapt. 3 - Plant Kingdom.

Chapt. 4 - Animal Kingdom.

#### **Unit 2 ( Structural organism in plant and animals)**

Chapt. 5 –Morphology of flowering plants.

Chapt. 6 –Anatomy of flowering plants.

Chapt. 7 – Structural organism in animals.

#### **Unit –3 ( Cell : Structure and function)**

Chapt. 8 –Cell : (The unit of life)

Chapt. 9 – Biomolecules

Chapt.– 10 Cell cycle and cell division.

### **COMPUTER SCIENCE :-**

Chapt. – 1. Computer System and Organisation.

Chapt. – 2. Computational Thinking and programming1

### **PHYSICAL EDUCATION :-**

Unit. 1. Changing Trends and Career in Physical education

Unit. 2. Olympic Value Education

Unit. 3. Physical Fitness, Wellness and Lifestyle

Unit. 4. Physical Education and Sports for CWSN

Unit. 5. Yoga

Practical :-

1- Yoga Practices

2- Record file (Lab manual)

1- Introduction of yoga

2- Elements of yoga

Note : Pictorial presentation of any five Asanas for Improving Concentration.