



UNIVERSITY MODEL SCHOOL

DR. B.R. AMBEDKAR UNIVERSITY, AGRA

SYLLABUS FOR FIRST TERM EXAMINATION- 2021-22

CLASS – XI (A) SCIENCE

ENGLISH LITERATURE:-

Hornbill (Prose)

Chapt. – 1 The portrait of a lady.

Chapt. -2 We're not afraid to die...

Chapt. - 3 If we can all be together.

Chapt. –4 Landscape of the soul.

Poetry section:

1. A photograph.

2. The laburnum top.

Snapshots (supplementary reader) :

1- The summer of the beautiful white horse.

2- The address.

3- Ranga's marriage.

Reading comprehension:

• Writing skills :

1. Advertisement.

2. Posters.

3. Article writing.

4. Report writing.

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

Chapter-8: Thermodynamics

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. 5: States of matter : (Gases and liquids).

Chapt. 6: Chemical thermodynamics.

MATHEMATICS :-

Chapt. 1 – Sets.

Chapt. 2 - Relation and Function.

Chapt. 3 - Trigonometric functions.

- Chapt. 4 - Principal of Mathematical Induction.
- Chapt. 5 - Complex Numbers and Quadratic Equations.
- Chapt. 6 - Linear Inequality.
- 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 Data representation and Boolean logic.
- Chapt – 3 Computational thinking and getting started with Python.
- Chapt. – 13 Cyber safety.

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.