UNIVERSITY MODEL SCHOOL

DR. B.R. AMBEDKAR UNIVERSITY, AGRA

SYLLABUS FOR FIRST TERM EXAMINATION- 2024-25

CLASS – XII (A) SCIENCE

ENGLISH LITERATURE :-

FLAMINGO(PROSE)

The Last Lesson
Lost Spring
Deep Water
The Rattrap
Indigo

FLAMINGO(POETRY)

My Mother At Sixty-Six
Keeping Quiet
A Thing Of Beauty

VISTAS

The Third Level
The Tiger King
Journey To The End Of The Earth
The Enemy

WRITING SECTION

NOTICE

Formal/Informal Invitation & Reply
Letter: Letter To Editor, Application For A Job With Bio-Data, Resume
Article Writing
Report Writing
1) Read any book of your choice & Write it's review. (File)
2) Revise the Chapters & Topics completed in class.

PHYSICS:-

L-1: Electric charges and field
L-2: Electrostatic Potential and Capacitance
L-3: Current Electricity
L-4: Moving charges and magnetism
L-5: Magnetism and matter
L-6: Electromagnetic induction
L-7: Alternating Current
L-8: Electromagnetic Waves

CHEMISTRY :- Unit I :Solutions
Unit II : Electrochemistry
Unit III : Chemical Kinetics
Unit IV : d -and f -Block Elements
Unit V : Coordination Compounds

BIOLOGY :- **Unit – VI : Reproduction**

Chapter 1: Sexual Reproduction in flowering plants
Chapter 2: Human Reproduction
Chapter 3: Reproductive Health
Unit-VII : Genetics And Evolution
Chapter 4: Principles of Inheritance and Variation
Chapter 5: Molecular Basis of Inheritance
Chapter 6:Evolution
Unit-III : Biology and Human welfare
Chapter 7 :-Human health and diseases.
Chapter 8: Microbes in human welfare.

MATHS :- Chapter-1: Relations and Functions
Chapter-2: Inverse trigonometric function
Chapter-3: Matrices
Chapter-4: Determinants
Chapter-5: Continuity and Differentiability
Chapter-6: Application of Derivatives.
Chapter-7: Integration

PHYSICAL EDUCATION :–

1. Management of Sporting events

2. Children and Women in sports

3. Yoga as preventive measures for lifestyle diseases

4. Physical Education and Sports for (CWSN)

5. Sports and Nutrition

6. Test and Measurement in Sports.

COMPUTER SCIENCE :- **Unit-I Computational thinking and programming.**
Chapter 1: Python revision tour I
Chapter 2: Python revision tour II
Chapter 3 : Working with function
Chapter 4 : Using python libraries
Chapter 5 : File handling
Chapter 6 : Exception handling

Unit-II Computer network
Chapter 8: Computer network-I
Chapter 9: Computer network-II