



UNIVERSITY MODEL SCHOOL

DR. B.R. AMBEDKAR UNIVERSITY, AGRA

SYLLABUS FOR FIRST TERM EXAMINATION- 2021-22

CLASS – XII (A) SCIENCE

ENGLISH LITERATURE :-

Flamingo (Prose Section):

Chapter -2 : Lost Spring

Chapter-3: Deep Water

Chapter-5: Indigo

Poetry Section:

1. My Mother at Sixty Six

2. An Elementary school classroom in a slum

Vistas (Supplementary Reader):

Chapter 1: The Third Level

Chapter 5: Should wizard hit mommy

Reading Comprehension

Writing Skills :

❖ Advertisements

❖ Article Writing

❖ Report Writing

❖ Letter to editor

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 : Solid State

Unit II :Solutions

Unit III : Electrochemistry

Unit IV : Chemical Kinetics

Unit V : Surface Chemistry

Unit VI : General Principles and Processes of Isolation of Elements

Unit VII : p -Block Elements

Unit VIII : d -and f -Block Elements

Unit IX : Coordination Compounds

BIOLOGY :-

Unit – VI : Reproduction

Chapter 1: Reproduction in Organisms

Chapter 2: Sexual Reproduction in flowering plants

Chapter 3: Human Reproduction

Chapter 4: Reproductive Health

Unit-VII : Genetics And Evolution

Chapter 5: Principles of Inheritance and Variation

Chapter 6: Molecular Basis of Inheritance

Chapter 7: Evolution

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.

PHYSICAL EDUCATION :-

Unit-1: Planning in Sports

Unit-2: Sports and Nutrition

Unit-3: Yoga and Lifestyle

Unit-4: Physical education and Sports for CWSN

Unit-5: Children and Women in Sports

Unit-6: Test and Measurement in sports

Note :- Full Exercise (One word Answer, fill in the blanks, State True and fals, M C Q Value Based Question, very short, short and Lon Question).

Practical:- Game and sports (Skill of any one Game of choice from the given list

(Basketball, Volleyball, Kabaddi, Kho- kho, Badminton)

Complete Record File (Lab Manual)

COMPUTER SCIENCE :-

CHAPTER 7 – Computer Networks

CHAPTER 1 – Revision of Python Basics :-

- ❖ BASIC PYTHON
- ❖ Conditional & Looping Constructs
- ❖ Strings
- ❖ Lists
- ❖ Tuples
- ❖ Dictionary
- ❖ Functions