

Shree Swaminarayan Academy

Syllabus for I Term 2024-25

STD:- XII SCIENCE

Chemistry:-

- March and April :- **Unit – I** Solutions
 Unit – VI Haloalkanes and Haloarenes
- June :- **Unit – II** Electrochemistry
 Unit – VII Alcohols, phenols and ethers
- July and August:- **Unit – III** Chemical Kinetics
 Unit – VIII Aldehydes, ketones and carboxylic acids

Mathematics:-

- March: **Ch-1** Relations and Functions
& **Ch-2** Inverse Trigonometric Functions
- April:- **Ch-3** Matrix
 Ch-4 Determinants
- June: **Ch-5** Continuity and Differentiability
 Ch-6 Applications of Derivatives
- July & **Ch-6** continued
 Ch-10 Vectors
- August **Ch-11** Three dimensional geometry
 Ch-12 Linear Programming problem

Physics:-

- March & **Ch-9** Ray optics

- April: Ch-1 Electric charges and fields
- June: Ch-2 Electrostatic potential and capacitance
Ch-3 Current electricity
- July: Ch-4 Moving charges and magnetism
Ch-5 Magnetism and matter
- August: Ch-6 Electromagnetic induction
Ch-7 Alternating current

English:-

- April: Comprehension, Notice writing, Informal invitation
My mother at sixty six (poem)
Letter to Editor
- June : The last lesson
Article writing
Lost Spring
Poetry- My mother at sixty six notes and extract questions
- July : Deepwater
Keeping quiet
- August : Vistas- The third level, Journey to the end of the earth
The enemy, The tiger king
The Rattrap

Biology:-

- March: Ch-2 Sexual reproduction in flowering plants
- April & May: Ch-3 Human reproduction

- June : Ch-4 Reproductive Health
Ch-5 Principles of inheritance and variations
- July: Ch-6 Molecular basis of inheritance
Ch:7 Evolution
- August: Ch-11 Biotechnology: Principles and processes
Ch-12 Biotechnology and its applications

Physical Education:-

- April : Unit-1 Management of sporting events
Unit-2 Children & women in sports
- June: Unit-3 Yoga as preventive measure for lifestyle disease
- July: Unit-4 Physical education & sports for CWSN
- August: Ch-5 Sports & nutrition

Computer Science:-

- March & April: Ch-1 XI Revision Tour
Ch-2 Functions
- June :- Ch-11 Database concept and SQL
- July :- Ch-4 Data structure
- August :- I Term Revision

Mass Media:-

- April and May:- Unit I Selling / Marketing / Exhibiting a product through advertising.
- Ch – 1 Advertising concept and process
- Ch – 2 Functions of advertising
- Ch – 3 Types of advertising

Ch – 4 Forms of advertising

June :-

Unit – II Introduction to the production process

Ch – 1 Film

Ch – 2 T.V.

Ch – 3 Print

Ch – 4 Radio

Ch – 5 Internet

July :-

Unit – III New media

Ch – 1 Convergence and the new possibilities of communication.

Marketing:-

Part A:-

- I) *Communication skills – IV*
- II) *Self management skills – IV*
- III) *Green skills – IV*

Part B :-

- I) *Product*
- II) *Price decision*
- III) *Place decision*