

SCIENCE

✓ PHYSICS

General Physics

1 Force 4.5 onwards

2 Projectile

Heat & Sound

3 Sound 6.7 onwards

4 Friction in solids & liquids

Light & Modern Physics

5 Refraction of Light 8.7 onwards

6 Ray Optics

Electromagnetism

7 Magnetic effect of electric current

8 Magnetism (13.7 onwards)

9 Electromagnetic waves

✓ MATHEMATICS & STATISTICS

Paper I

1) Factorisation Formulae

2) Vectors

3) Determinants

4) Matrices

5) Straight Line

6) Trigonometric Functions

Paper II

1) Method of Induction & Binomial Theorem

2) Limits

3) Differentiation

4) Probability

5) Functions

6) Complex numbers

✓ CHEMISTRY

1st Term portion

Section-I

01 Some basic concepts of chemistry

02 States of matter

03 Structure of atom

04 Periodic Table

08 Nature of chemical bond (upto VBT)

Section-II

09 Hydrogen (upto uses of dihydrogen)

10 s-block elements

12 Basic principles & Techniques in organic chemistry

13 Alkanes

2nd Term portion

Section-I

05 Redox reactions

06 Chemical equilibrium

07 Surface chemistry

08 Nature of chemical bond (8.10 to 8.11)

Section-II

11 p-block elements

14 Alkenes

15 Alkynes

16 Aromatic compounds

17 Environmental chemistry

✓ BIOLOGY

Section I

Chapter 2 Kingdom Plantae

Chapter 3 Biochemistry of cell

Chapter 6 Plant water relation

Chapter 7 Plant growth & development

Section II

Chapter 9 Organisation of Cell

Chapter 11 Study of Animal Type

Chapter 13 Human Respiration

Chapter 14 Human Skeleton & Locomotion

✓ INFORMATION TECHNOLOGY (Science)

1) Introduction to Networking

2) Visual Basic.Net

3) HTML (First Term)

4) Introduction to Javascript