

SYLLABUS FOR ENTRANCE EXAMINATION

CLASS: XI

SUBJECT: SCIENCE

Chapter 1 – Chemical Reactions and Equations

Chapter 2 – Acids, Bases, and Salts

Chapter 3 – Metals and Non-Metals

Chapter 4 – Carbon and Its Compounds

Chapter 5 – Periodic Classification of Elements

Chapter 6 – Life Processes

Chapter 7 – Control and Coordination

Chapter 8 – How Do Organisms Reproduce

Chapter 9 – Heredity and Evolution

Chapter 10 – Light reflection and refraction

Chapter 11 – Human eye and colorful world

Chapter 12 – Electricity

Chapter 13 – Magnetic effect of electric current

Chapter 14 – Sources of energy

Chapter 15 – Our Environment

Chapter 16 – Management of Natural Resources

CLASS: XI

SUBJECT: MATHEMATICS

- 1 REAL NUMBEERS
- 2 POLYNOMIALS
- 3 PAIR OF LINEAR EQUATIONS IN TWO VARIABLES
- 4 QUADRATIC EQUATIONS
- 5 ARITHMETIC PROGRESSIONS
- 6 COORDINATE GEOMETRY
- 7 TRIANGLES
- 8 INTRODUCTION TO TRIGONOMETRY
- 9 SOME APPLICATIONS OF TRIGONOMETRY
- 10 CIRCLES
- 11 CONSTRUCTIONS
- 12 AREAS RELATED TO CIRCLES
- 13 SURFACE AREA AND VOLUMES
- 14 STATISTICS
- 15 PROBABILITY