



SYLLABUS & PAPER PATTERN

GRADE – 11th PCM

ENGLISH:

Article, Determiners, Verb, Models, Direct & Indirect, Question Tag, Preposition, Phrasal Verb, Idiom / Phrase, Literary Term, Types of Sentences, Spelling, One Word, Subject Verb Agreement.

GENERAL KNOWLEDGE:

Geography: Location, Physiography and Drainage system, The origin and evolution of the earth Intel of earth, Ocean, Continent, Landform their evolution.

History: Writing and city life, An Empire across three continents, Nomadic empire.

Polity: Constitution: Why and How?, Rights in Indian constitution, Election and Representation, Executive, Freedom, Equality.

SCIENCE:

Biology: The living world, biological classification, Plant Kingdom, Animal Kingdom, Morphology of flowering plants, Anatomy of flowering plants, Structural organization in animals, Cell: The unit of life, Biomolecules, Cell cycle and cell division.

Chemistry: Some Basic Concepts of Chemistry, Structure of Atom, Classification of Elements and Periodicity in Properties, Chemical Bonding and Molecular Structure, Chemical Thermodynamics, Equilibrium, Redox Reactions, Organic Chemistry: Some Basic Principles and Techniques, Hydrocarbons.

Physics: Units and Measurement, Motion – 1-D and 2-D, Work, Power and Energy, Gravitation, Rotational Motion and Rigidity, Mechanical Properties of Solids and Fluids, Thermodynamics, Waves and SHM.

REASONING:

Number Series, Alphabet Series, Coding – Decoding, Alphabet – Test, Venn Diagrams, Dice & Cube, non – Verbal, Direction Sense, Analogy, Blood Relation, Ranking & Order Test, Clock & Calendar, Syllogism, Classification, Seating Arrangement, Missing Number, Mathematical Operation.

MATHEMATICS:

Real Number, Polynomials, Linear Equation in two variable, Quadratic Equations, Arithmetic Progression, Triangles.

PAPER PATTERN & MARKS DISTRIBUTION

Subject	ENGLISH	G.K.	SCIENCE	REASONING	MATHEMATICS
Subject – wise total number of questions	10	10	15	10	15
Total maximum marks subject wise	20	20	30	20	30

Note-

- Question Type: MCQ (Multiple Choice Question)
- Marking Scheme per Question: 2 Marks
- Negative Marking for Each Wrong Answer: 0.5 Marks