# SYLLABUS & PAPER PATTERN

## GRADE – 11th PCM

### ENGLISH:

**Articles, Determiners, Verbs, Modals, Direct and Indirect Speech, Question Tags, Prepositions, Phrasal Verbs, Idioms and Phrases, Spelling, One Word Substitution, Types of Sentences and Subject – Verb Agreement.**

### PHYSICS:

**Units and Measurements, Motion – 1 – D and 2 – D, Work, Power and Energy, Gravitation, Rotational Motion and Rigidity, Thermodynamics, Mechanical Properties of Solids and Fluids, Waves and SHM.**

### 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.**

**For any doubts or queries, Call or WhatsApp: 9257834576**

## MATHEMATICS:

**Sets, Relations & Functions, Trigonometric Functions, Complex Numbers & Quadratic Equations, Permutations and Combinations, Binomial Theorem, Sequences and Series, Two – Dimensional Geometry, Probability and Statistics.**

| PAPER PATTERN & MARKS DISTRIBUTION | | | | |
|---|---|---|---|---|
| Subject | ENGLISH | PHYSICS | CHEMISTRY | MATHEMATICS |
| Subject – wise total number of questions | 15 | 15 | 15 | 15 |
| Total maximum marks subject wise | 30 | 30 | 30 | 30 |

## Note-

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

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