SYLLABUS & PAPER PATTERN

GRADE – 12th & 12th PASS PCM

ENGLISH:

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

PHYSICS:

Electric Charges and Fields, Electrostatic Potential and Capacitance, Current Electricity, Moving Charges and Magnetism, Magnetism and Matter, Electromagnetic Induction, Alternating Current, Electromagnetic Waves, Ray Optics and Optical Instruments, Wave Optics, Dual Nature of Radiation and Matter, Atoms, Nuclei and Semiconductor Electronics.

CHEMISTRY:

Solutions, Electrochemistry, Chemical Kinetics, d – and f – Block Elements, Coordination Compounds, Haloalkanes and Haloarenes, Alcohols, Phenols and Ethers, Aldehydes, Ketones and Carboxylic Acids, Amines and Biomolecules.

MATHEMATICS:

Relations & Functions, Inverse Trigonometric Function, Matrices & Determinants, Three Dimensional Geometry, Probability, Differentiation, Integration.

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**