DOCTOR HUNT
PM-SAT 2027

SYLLABUS & PATTERN

CLASS: 12

PHYSICS

- Units & Measurements
- Motion in a Plane
- Laws of Motion
- Work, Energy & Power
- System of Particles & COM
- Rotational Motion
- Gravitation
- Mechanical Properties of Solids
- Thermal Properties of Matter
- Thermodynamics
- Kinetic Theory
- Oscillations
- Waves
- Current Electricity

CHEMISTRY

- Redox Reactions
- Hydrogen and the s-Block Elements
- The p-Block Elements (Group 13 and 14)
- Organic Chemistry: Some Basic Principles and Techniques
- Hydrocarbons
- Environmental Chemistry (basic)
- Haloalkanes and Haloarenes
- Alcohols, Phenols and Ethers
- The p-Block Elements (Group 15 to 18)
- Biomolecules
- Chemistry in Everyday Life

MATHEMATICS

- Sets
- Relation and Functions
- Trigonometry
- Complex number and Quadratic equation
- Linear Inequation
- Permutation and Combination
- Binomial Theorem
- Sequence and Series
- Straight Lines
- Conic Sections
- Introduction to three dimensional geometry
- Limits and Derivatives
- Statistics
- Probability

OFFLINE & ONLINE EXAM MODE PATTERN

Pattern of Questions

50 Objective Type Questions

MCQs of 4 choices (single correct answer)

Marking Scheme

+4 for correct answer

-1 for wrong answer

Question Distribution

Physics: 9, Chemistry: 9,Biology: 9, Maths: 9, IQ: 14

Medium : English Only

Duration: 1 Hour

Online: 1 Hour. It is Compulsory to be logged in to the portal at least 30 minutes before the test to avoid technical issue.

Offline: 1 Hour. It is Compulsory to take seat in exam hall atleast 30 minutes before test to fill OMR.

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SAMPLE TEST PAPER

FOR OFFLINE / ONLINE

CLASS XII

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