

[For both English/Hindi Medium Students]

PHYSICS

Test No. Topic Covered

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| 1 | Basic Maths Used In Physics , Unit & Dimension , Vectors |
| 2 | Kinematics-1D,2D |
| 3 | Newton Laws of Motion , Friction |
| 4 | Review Test -1 : Syllabus of Test No. 1, 2 & 3 |
| 5 | Circular Motion |
| 6 | Work, Power & Energy |
| 7 | Semi Major Test -1 : Syllabus of Test No. 1 to 6 |
| 8 | Center of Mass, Momentum & Collision |
| 9 | Rotational Motion, Gravitation |
| 10 | Elasticity, Thermal Expansion , Calorimetry & Heat Transfer |
| 11 | Review Test -2 : Syllabus of Test No. 8, 9 & 10 |
| 12 | KTG, Thermodynamics |
| 13 | Fluid Mechanics , Simple Harmonic Motion, Wave on String, Sound Wave |
| 14 | Semi Major Test -2 : Syllabus of Test No. 8 to 13 |
| 15-19 | Full Syllabus |

CHEMISTRY

Test No. Topic Covered

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| 1 | Mole Concept & Eudiometry, Concentration Terms |
| 2 | Quantum Number & Electronic Configuration , Periodic Table & Periodic Properties |
| 3 | Chemical Bonding |
| 4 | Review Test -1 : Syllabus of Test No. 1, 2 & 3 |
| 5 | Redox & Equivalent Concepts, Thermodynamics - 01, Thermochemistry, Thermodynamics - 02 |
| 6 | Nomenclature & Common Names , Electronic Displacement Effects |

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| 7 | Semi Major Test -1 : Syllabus of Test No. 1 to 6 |
| 8 | Electronic Displacement Effects |
| 9 | Acidic Strength & Basic Strength, Ideal Gas , Real Gas, Atomic Structure (Upto Bohr Model) |
| 10 | Atomic Structure |
| 11 | Review Test -2 : Syllabus of Test No. 8, 9 & 10 |
| 12 | Chemical Equilibrium & Ionic Equilibrium |
| 13 | Isomerism , Purification & Characteristics of Organic Compounds |
| 14 | Semi Major Test -2 : Syllabus of Test No. 8 to 13 |
| 15-19 | Full Syllabus |

MATHEMATICS

Test No. Topic Covered

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| 1 | Sets , Numbers & Intervals , Fundamental of Algebra , Quadratic Equations |
| 2 | Logarithms , Sequence & Series |
| 3 | Trigonometric Ratio & Identities |
| 4 | Review Test -1 : Syllabus of Test No. 1, 2 & 3 |
| 5 | Trigonometric Ratio & Identities, Trigonometric Equation , Fundamental of Geometry |
| 6 | Straight Line |
| 7 | Semi Major Test -1 : Syllabus of Test No. 1 to 6 |
| 8 | Circle |
| 9 | Parabola , Ellipse , Hyperbola |
| 10 | Permutation & Combination , Binomial Theorem |
| 11 | Review Test -2 : Syllabus of Test No. 8, 9 & 10 |
| 12 | Complex Number |
| 13 | Relation , Statistics , Function , Limit & Derivatives , 3D , Probability (All Elementry Level) |
| 14 | Semi Major Test -2 : Syllabus of Test No. 8 to 13 |
| 15-19 | Full Syllabus |