

RANK IMPROVEMENT TEST

NWCM822O1S, NWCM2022S1W, NWCM2022A1R, NWCM2022A2R + DEHRADUN-2022R, NWCM2022A3R, NWCM2022B1R, NWCM2022B1W, NWCM2022G1, NWCM2022A1W, NWCM2022A2W, NWCM2022A3W, NWCM2022A4W, NWCM2022A5W, NWCM2022A6W, NWCM2022A7W, NWCM2022A8W, PANINI2022-G1, PANINI2022-XII 1, PANINI2022-XII 2, PANINI2022-XII 3, NWCM2022E1R+NWCM2022E1W, NWCM2022EW, RCM2022B1R, RCM2022B1W, PANINI2022B01

SCHEDULE AND SYLLABUS FOR RANK IMPROVEMENT TEST

TEST DATE/TIMING	PHY	CHEM	MATHS
Test-I (09.08.2021) (16:00-19:00)	Vector, Kinematics	Stoichiometry, Gaseous State, Atomic Structure	General Mathematics, Trigonometric Ratios & Identities
Test-II (06.09.2021) (16:00-19:00)	Newton's Laws of motion, Work, Energy and Power	Chemical Bonding, Periodic Properties, S-block Elements and Hydrogen	Straight Lines, Circle, Mathematical Reasoning, Logarithms
Test-III (27.09.2021) (16:00-19:00)	Conservation of Momentum	Chemical Kinetics, Chemical Equilibrium, Ionic Equilibrium	Parabola, Quadratic Eq. & Expressions, Ellipse, Hyperbola
Test-IV (25.10.2021) (16:00-19:00)	Rotational Motion, Fluids	Thermochemistry and Thermodynamics Boron and Carbon Family	Progression & Series, Permutation & Combination, Mathematical Induction
Test-V (01.12.2021) (16:00-19:00)	Heat and Thermodynamics, Simple Harmonic Motion & Elasticity	GOC, Isomerism, Electrophilic Aromatic Substitution Reaction	Complex Numbers, Binomial Theorem
Test-VI (16.12.2021) (16:00-19:00)	Wave and Sounds, Gravitation	Hydrocarbon, Alkyl & Aryl Halides, Alcohol, Ether and Phenol	Solution of Triangle, Trigonometric Equations, Inverse Trigonometric Functions, Statistics, Heights & Distance
Test-VII (27.12.2021) (16:00-19:00)	Electrostatics, Current Electricity	Aldehydes and Ketones, Carboxylic Acid and Derivatives	Functions, Limits, Continuity & Differentiability, Set, Relations & Functions
Test-VIII (03.01.2022) (16:00-19:00)	Magnetism, Electro Magnetic Induction, Alternating Current	Amines and Biomolecules, Qualitative Analysis	Application of Derivatives, Indefinite Integrals, Definite Integrals
Test-IX (24.01.2022) 4:00 PM to 7:00 PM	Geometrical Optics, Wave Optics	Solid State, Liquid Solutions, Electrochemistry	Area, Differential Equations, Probability
Test-X (14.02.2022) (16:00-19:00)	Modern Physics, General Physics (error analysis), Semiconductor Devices	Transition Elements & Coordination, Gr-15 to Gr-18 Elements, Ores and Metallurgy	Matrices & Determinants, Vector, 3D Geometry