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JEE Main 2024 April 8 Shift 1 Paper Analysis

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Mathematics: Easy to Moderate. Questions were asked from all chapters with emphasis on Chapters of Calculus & Coordinate Geometry. Questions asked from Matrices -2 ques, 3 D Geometry, Vectors-2 ques, Permutation & Combination, Probability-2 ques, Complex Numbers, Statistics, Progressions, Quadratic Equations, Function-3 ques, Limits, Continuity & Differentiability, Application of Derivative, Definite Integrals, Differential Equations, Area, Straight Line, Circle, Hyperbola amongst Conic Sections with mixed concept questions. The Numerical Section had lengthy calculations from chapters of Calculus & Algebra. A few questions were reported as Lengthy & Easy.

Physics: Easy. Questions were asked from Kinematics, Centre of Mass, Laws of Motion, Magnetism, Optics, Capacitance, Electromagnetic Induction, AC Circuits, Modern Physics, Work Power & Energy, Heat & Thermodynamics, Atoms & Nuclei. Numerical based questions were Lengthy and Easy. Few fact-based questions from class XII chapters of NCERT were also asked.

Chemistry: Easy. Organic Chemistry were given more weightage compared to Physical & Inorganic Chemistry. Questions asked from Periodic Table, Coordination Compounds, p-block elements, Chemical Bonding, d & f Block elements, Stoichiometry, Chemical Kinetics, Thermodynamics, General Organic Chemistry- 4 questions, Alcohol, Ether & Phenol, Biomolecules, Amines, Carboxylic Acids, with mixed concept questions. Some fact-based questions from NCERT were asked.