

# IIT-JEE Main and Advanced Type Topic-wise & Full Course Test-23-24

| Paper | Date                 | Subject | Topic   |
|-------|----------------------|---------|---|
| 1     | Main<br>15.02.24     | P       | Electrostatics, Gauss's Law, Current, Magnetic effect of current  |
|       |                      | C       | Organic chemistry-some basic principles and techniques, isomerism, GOC, Periodic Table, solution, haloalkanes and haloarenes.   |
|       |                      | M       | Vectors & 3D geometry   |
| 2     | Advanced<br>18.02.24 | P       | Electrostatics, Gauss's Law, Current, Magnetic effect of current  |
|       |                      | C       | Organic chemistry-some basic principles and techniques, isomerism, GOC Periodic Table, Chemical bonding and molecular structure, solution, haloalkanes and haloarenes, State of matter. |
|       |                      | M       | Vectors & 3D geometry   |
| 3     | Main<br>22.02.24     | P       | Modern Physics, Ray and Wave optics   |
|       |                      | C       | Chemical bonding and molecular structure, alcohol, phenol, ether, Atomic structure, redox reaction and electrochemistry.  |
|       |                      | M       | Calculus  |
| 4     | Advanced<br>25.02.24 | P       | Modern Physics, Ray and Wave optics   |
|       |                      | C       | Coordination compounds, alcohol, phenol, ether, Atomic structure, electrochemistry, surface chemistry.  |
|       |                      | M       | Calculus  |
| 5     | Main<br>29.02.24     | P       | Capacitor, EMI, AC, Gravitation   |
|       |                      | C       | Some basic concept of chemistry, Coordination compounds, aldehyde, ketone, carboxylic acid, Chemical and ionic equilibrium.   |
|       |                      | M       | P & C, Binomial Exp, Probability  |
| 6     | Advanced<br>03.03.24 | P       | Capacitor, EMI, AC, Gravitation   |
|       |                      | C       | Some basic concept of chemistry, aldehyde, ketone, carboxylic acid, Chemical and ionic equilibrium, chemistry in everyday life, Salt analysis.  |
|       |                      | M       | P & C, Binomial Exp, Probability  |
| 7     | Main<br>07.03.24     | P       | Mechanics upto Rotational   |
|       |                      | C       | Thermodynamics, Salt analysis, Hydrocarbons, Biomolecule.   |
|       |                      | M       | 2D geometry, Trigonometry, Quadratic Equations, complex number  |
| 8     | Advanced<br>10.03.24 | P       | Mechanics upto Rotational   |
|       |                      | C       | Thermodynamics, Hydrocarbons, Biomolecule, Metallurgy, d & f-block elements.  |
|       |                      | M       | 2D geometry, Trigonometry, Quadratic Equations, complex number  |
| 9     | Main<br>14.03.24     | P       | SHM, Wave, Fluid, Properties of matter, Heat and thermodynamics   |
|       |                      | C       | p-block, d & f-block elements, amines, chemical Kinetic.  |
|       |                      | M       | Sets, Relation, Matrices & Determinants, Statistics, sequence and series  |
| 10    | Advanced<br>17.03.24 | P       | SHM, Wave, Fluid, Properties of matter, Heat and thermodynamics   |
|       |                      | C       | p- block, s-block, hydrogen, amines, chemical Kinetic, solid state, polymers, environmental chemistry   |
|       |                      | M       | Sets, Relation, Matrices & Determinants, Statistics, sequence and series  |
| 11    | 21.03.24             | MAIN    | FULL SYLLABUS   |
| 12    | 24.03.24             |         |   |
| 13    | 28.03.24             |         |   |
| 14    | 31.03.24             |         |   |