



# Aakash

Medical | IIT-JEE | Foundations

## ➤ Online Test Series Program for NSEJS Schedule

(For Class VIII Students 2024-25)

### Online Test Series for NSEJS

| No. | Date  | Test                                   | Syllabus   |
|-----|---|--|--|
| 1.  | 19th Jun 2024   | 1A: for Conduction<br>1B: for Practice | <b>Physics: Mathematical Tools, Optics</b> (Reflection of Light, Velocity of Image in a Plane Mirror, Minimum Length of a Plane Mirror, Spherical Mirrors, Motion of an Object Along Principal Axis, Longitudinal Magnification)<br><b>Chemistry: Atoms and Molecules</b> (Introduction, Laws of Chemical Combination, Dalton's Atomic theory, Atoms, Molecules, Molecules of Compounds, Differences between Atoms and Molecules, Ions, Polyatomic ions, Concept of valency, Chemical formula),<br><b>Mole Concept and its Application</b> (Calculation of mole, Empirical formula, percentage composition, Molarity, Molality, Dilution Law, Mole Fraction)<br><b>Biology: Cell: The Unit of Life, Tissues, Diversity in Living Organisms</b> |
| 2.  | 31st Jul 2024   | 2A: for Conduction<br>2B: for Practice | <b>Physics: Optics</b> (Refraction, Lateral Displacement, Lens Formula, Silvering of Lens, Total Internal Reflection, The Eye), <b>Motion</b> (Motion in One Dimension, Projectile Motion, Circular Motion)<br><b>Chemistry: Mole Concept and its Application</b> (Relation between Molarity & Molality, Relation between w/w & Molarity, Concept of Equivalent Mass & its calculation, Normality),<br><b>Chemical Reactions and Equations</b> (Complete chapter)<br><b>Biology: Human Health and Diseases, Natural Resources, Improvement in Food Resources</b>   |
| 3.  | 4th Sep 2024  | 3A: for Conduction<br>3B: for Practice | <b>Physics: Laws of Motion and Gravitation, Fluids</b><br><b>Chemistry: Stoichiometry &amp; Limiting Reagent, Acids, Bases and Salts</b><br><b>Biology: Life Processes, Control and Coordination</b>   |
| 4.  | 25th Sep 2024   | 4A: for Conduction<br>4B: for Practice | <b>Physics: Work and Energy, Wave Motion and Sound</b><br><b>Chemistry: Gas laws, Metals and Non-metals</b><br><b>Biology: How do Organisms Reproduce?, Principles of Inheritance and variation</b>  |
| 5.  | 16th Oct 2024   | 5A: for Conduction<br>5B: for Practice | <b>Physics: Electricity, Magnetism</b><br><b>Chemistry: Organic Chemistry, Periodic Classification of Elements</b><br><b>Biology: Evolution, Molecular Basis of Inheritance, Microbes in Human welfare</b>   |
| 6.  | Complete syllabus test dates will be announced later as per the actual date of the exam | 6A: for Conduction<br>6B: for Practice | <b>Complete Syllabus</b><br><b>(As per previous years' pattern)</b>  |
| 7.  |   | 7A: for Conduction<br>7B: for Practice | <b>Complete Syllabus</b><br><b>(As per previous years' pattern)</b>  |
| 8.  |   | 8A: for Conduction<br>8B: for Practice | <b>Complete Syllabus</b><br><b>(As per previous years' pattern)</b>  |
| 9.  |   | 9A: for Conduction<br>9B: for Practice | <b>Complete Syllabus</b><br><b>(As per previous years' pattern)</b>  |