



## ➤ Online Test Series Program for NSEJS Schedule

(For Class VIII Students 2023-24)

### Online Test Series for NSEJS

| No. | Date                      | Test    | Syllabus   |
|-----|---------------------------|---------|--|
| 1.  | 21 <sup>st</sup> Jun 2023 | NSEJS-1 | <p><b>Physics:</b> Mathematical Tools, Optics (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)</p> <p><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), <b>Mole Concept and its Application</b> (Calculation of mole, Empirical formula, percentage composition, Molarity, Molality, Dilution Law, Mole Fraction)</p> <p><b>Biology:</b> Cell: The Unit of Life, Tissues, Diversity in Living Organisms</p> |
| 2.  | 9 <sup>th</sup> Aug 2023  | NSEJS-2 | <p><b>Physics:</b> Optics (Refraction, Lateral Displacement, Lens Formula, Silvering of Lens, Total Internal Reflection, The Eye), Motion (Motion in One Dimension, Projectile Motion, Circular Motion)</p> <p><b>Chemistry: Mole Concept and its Application</b> (Relation between Molarity &amp; Molality, Relation between w/w &amp; Molarity, Concept of Equivalent Mass &amp; its calculation, Normality), <b>Chemical Reactions and Equations</b> (Complete chapter)</p> <p><b>Biology:</b> Human Health and Diseases, Natural Resources, Improvement in Food Resources</p>  |
| 3.  | 6 <sup>th</sup> Sep 2023  | NSEJS-3 | <p><b>Physics:</b> Laws of Motion and Gravitation, Fluids,</p> <p><b>Chemistry:</b> Stoichiometry &amp; Limiting Reagent, Acids, Bases and Salts</p> <p><b>Biology:</b> Life Processes, Control and Coordination</p>   |
| 4.  | 20 <sup>th</sup> Sep 2023 | NSEJS-4 | <p><b>Physics:</b> Work and Energy, Wave Motion and Sound</p> <p><b>Chemistry:</b> Gas laws, Metals and Non-metals</p> <p><b>Biology:</b> How do Organisms Reproduce?, Principles of Inheritance and variation</p>   |
| 5.  | 4 <sup>th</sup> Oct 2023  | NSEJS-5 | <p><b>Physics:</b> Electricity, Magnetism</p> <p><b>Chemistry:</b> Organic Chemistry, Periodic Classification of Elements</p> <p><b>Biology:</b> Evolution, Molecular Basis of Inheritance, Microbes in Human welfare</p>  |
| 6.  | 17 <sup>th</sup> Oct 2023 | NSEJS-6 | <p><b>Complete Syllabus</b><br/>(As per previous years' pattern)</p>   |



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| 7.  | 31 <sup>st</sup> Oct 2023 | NSEJS-7 | Complete Syllabus<br>(As per previous years' pattern) |
| 8.  | 7 <sup>th</sup> Nov 2023  | NSEJS-8 | Complete Syllabus<br>(As per previous years' pattern) |
| 9.  | 20 <sup>th</sup> Nov 2023 | NSEJS-9 | Complete Syllabus<br>(As per previous years' pattern) |