

**Online Test Series for NSEJS**

**Academic Session-2020-2021 (For Class X)**

S.No.	Test	Syllabus	Date	
			Opening Date	Closing Date
1	NSEJS-1	<p><b>Physics:</b> Motion in a Straight Line, Motion in a Plane, Laws of Motion, Mechanical Properties of Solids</p> <p><b>Chemistry:</b> Matter, Atoms and Molecules, Structure of Atom</p> <p><b>Maths:</b> Number System, Polynomials, Linear Equations in Two Variables, Coordinate Geometry, Direct &amp; Inverse Proportions, Comparing Quantities, Squares &amp; Square roots, Playing with Numbers</p> <p><b>Biology:</b> Cell, Tissues, Diversity in Living Organisms</p>	14 <sup>th</sup> Sept, 2020	One day prior to NSEJS
2	NSEJS-2	<p><b>Physics:</b> Motion in a Straight Line, Motion in a Plane, Laws of Motion, Work, Energy and Power, System of Particles and Rotational Motion, Gravitation, Mechanical Properties of Solids, Mechanical Properties of Fluids, Oscillations, Waves</p> <p><b>Chemistry:</b> Matter, Atoms and Molecules, Structure of Atom, States of Matter</p> <p><b>Maths:</b> Number System, Polynomials, Linear Equations in Two Variables, Coordinate Geometry, Direct &amp; Inverse Proportions, Comparing Quantities, Squares &amp; Square roots, Playing with Numbers, Triangles, Quadrilaterals, Areas of Parallelogram &amp; triangles, Heron's Formula, Statistics, Probability</p> <p><b>Biology:</b> Cell, Tissues, Diversity in Living Organisms, Why do we fall ill, Natural Resources, Improvement in Food Resources</p>	28 <sup>th</sup> Sept, 2020	One day prior to NSEJS
3	NSEJS-3	<p><b>Physics:</b> Motion in a Straight Line, Motion in a Plane, Laws of Motion, Work, Energy and Power, System of Particles and Rotational Motion, Gravitation, Mechanical Properties of Solids, Mechanical Properties of Fluids, Oscillations, Waves, Ray Optics and Optical Instruments, Electric Charges and Fields, Electrostatic Potential and Capacitance, Current Electricity</p> <p><b>Chemistry:</b> Matter, Atoms and Molecules, Structure of Atom, States of Matter, Mole Concept and Stoichiometry, Chemical Reactions and Equations, Acids, Bases and Salts (X), Chemical Equilibrium (XI), Metals and Non-Metals (X), Redox Reactions</p> <p><b>Maths:</b> Syllabus of Test-2, Real Numbers, Pair of Linear Equations in two Variables, Quadratic Equations, Sequence &amp; Series, Trigonometry</p> <p><b>Biology:</b> Cell, Tissues, Diversity in Living Organisms, Why do we fall ill, Natural Resources, Improvement in Food Resources, Life Processes, Control and Coordination, How do Organisms Reproduce?</p>	12 <sup>th</sup> Oct, 2020	One day prior to NSEJS

S.No.	Test	Syllabus	Date	
			Opening Date	Closing Date
4	NSEJS-4	<p><b>Physics:</b> Motion in a Straight Line, Motion in a Plane, Laws of Motion, Work, Energy and Power, System of Particles and Rotational Motion, Gravitation, Mechanical Properties of Solids, Mechanical Properties of Fluids, Oscillations, Waves, Ray Optics and Optical Instruments, Electric Charges and Fields, Electrostatic Potential and Capacitance, Current Electricity, Moving Charges and Magnetism, Magnetism and Matter, Electromagnetic Induction, Alternating Current, Sources of Energy</p> <p><b>Chemistry:</b> Matter, Atoms and Molecules, Structure of Atom, States of Matter, Mole Concept and Stoichiometry, Chemical Reactions and Equations, Acids, Bases and Salts, Chemical Equilibrium, Metals and Non-Metals, Redox Reactions, Carbon and its Compounds, Classification of Elements and Periodicity in Properties, s-Block Elements, Thermochemistry</p> <p><b>Maths:</b> Syllabus of T-3, Circles, Areas Related to Circles, Surface Areas &amp; Volumes, permutations &amp; Combinations, Sets</p> <p><b>Biology:</b> Cell, Tissues, Diversity in Living Organisms, Why do we fall ill, Natural Resources, Improvement in Food Resources, Life Processes, Control and Coordination, How do Organisms Reproduce?, Heredity and Evolution, Our Environment, Sustainable Management of Natural Resources</p>	19 <sup>th</sup> Oct, 2020	One day prior to NSEJS
5	NSEJS-5	<b>Complete Syllabus (As per previous years' pattern)</b>	2 <sup>nd</sup> Nov, 2020	One day prior to NSEJS
6	NSEJS-6	<b>Complete Syllabus (As per previous years' pattern)</b>	9 <sup>th</sup> Nov, 2020	One day prior to NSEJS



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## Online Test Series for IMO

### Academic Session-2020-2021 (For Class X)

S.No.	Test	Syllabus			Date	
		Logical Reasoning	Mathematical Reasoning & Achiever's Section	Everyday Mathematics	Opening Date	Closing Date
1	IMO-1	Number Series, Alphabetical Series, Alphanumeric Series, Non-Verbal Series, Analogy ( Verbal and Non-Verbal), Classification (Verbal and Non-Verbal), Direction Sense Test, Coding – Decoding, Blood Relation, Venn diagram, Syllogism, Diagrammatic puzzles, Cubes & Dice, Water Image, Mirror image	Real Numbers, Polynomials, Pair of Linear Equations in Two Variables, Quadratic Equations, Arithmetic Progressions, Triangles, Coordinate Geometry, Introduction to Trigonometry, Some Applications of Trigonometry	Syllabus of Mathematical Reasoning, Percentage, Profit, Loss and Discount, Simple Interest and Compound Interest, Pipes and Cisterns, Time and Work, Time, Distance and Speed, Ratio Proportion and Unitary Method, Partnership	22nd Sep, 2020	1 day prior to IMO
2	IMO-2	Complete Syllabus (As per previous years' pattern)			6th Oct, 2020	1 day prior to IMO
3	IMO-3	Complete Syllabus (As per previous years' pattern)			20th Oct, 2020	1 day prior to IMO
4	IMO-4	Complete Syllabus (As per previous years' pattern)			3rd Nov, 2020	1 day prior to IMO
5	IMO-5	Complete Syllabus (As per previous years' pattern)			24th Nov, 2020	1 day prior to IMO
6	IMO-6	Complete Syllabus (As per previous years' pattern)			1st Dec, 2020	1 day prior to IMO



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<b>Test Series for PRMO (For Class X)_2020-21</b>			
<b>Test No.</b>	<b>Type</b>	<b>Syllabus</b>	<b>Test Date</b>
1	Integer Type	Sets, Number Theory, Polynomials	24 <sup>th</sup> Jun, 2020
2	Integer Type	Geometry, Trigonometry	22 <sup>nd</sup> Jul, 2020
3	Integer Type	Combinatorics, Sequence & Series, probability	28 <sup>th</sup> Aug, 2020

Dates of remaining 3 tests of PRMO shall be declared later depending upon date of actual exam and time available.