

SYLLABUS OF MAT

| Test No | Test Name | Test date | Class | MENTAL ABILITY |
|---------|--------------|------------|-------|---|
| 1 | Minor Test-1 | 17/7/2022 | 9 | Verbal & Non Verbal Series, Verbal & Non Verbal Analogy, Verbal & Non-Verbal Classification |
| 2 | Minor Test-2 | 14/8/2022 | 9 | Logical Venn Diagram, Mathematical Operation, Direction Sense Test, Alphabet Test, Mirror image, Water image |
| 3 | Minor Test-3 | 11/9/2022 | 9 | Number, Ranking & Time sequence Test, Alpha- Numeric Sequence Puzzle, Spotting Out the Embedded Figure, Completion of incomplete Pattern |
| 4 | Minor Test-4 | 9/10/2022 | 9 | Blood Relation, Dice & Cube, Dot Situation, Figure Matrix, Figure Formation & Grouping of identical figure, Statement conclusion |
| 5 | Minor Test-5 | 13/11/2022 | 9 | Coding & Decoding, PuzzleTest, Analytical Reasoning, Logical sequence of Words, Paper Folding & Paper Cutting |
| 6 | Minor Test-6 | 27/11/2022 | 9 | Inserting the missing Character, Arithmetical Reasoning, Dice & Cube, Dot Situation, Logical Venn Diagram, Completion of incomplete Pattern |
| 7 | Major Test-1 | 25/12/2022 | 9 | Full syllabus |
| 8 | Major Test-2 | 22/01/2023 | 9 | Full syllabus |

SYLLABUS OF SAT

| Test No | Test Name | Test date | Class | PHYSICS | CHEMISTRY | BIOLOGY | MATHS | SOCIAL SCIENCE |
|---------|--------------|------------|-------|--------------------------|-------------------------------|---|--|---|
| 1 | Minor Test-1 | 17/7/2022 | 9 | Motion | Measurement Of Matter | Classification of Plants | Sets, Real Numbers, Polynomials, | Sources of History, Challenge of Nation Building-1, India's internal challenges, Economic Development, Education, |
| 2 | Minor Test-2 | 14/8/2022 | 9 | Force and NLM | Substances In Common Use | Useful and Harmful Microbes, | Ratio and Proportion, Linear Equation in Two Variables, Financial Planning | Empowerment of Women and other Weaker Sections,, Science and Technology, Industry and Trade, Changing Life-1 |
| 3 | Minor Test-3 | 11/9/2022 | 9 | Work, Energy, Power | Acids,Bases and Salts | Energy Flow in an Ecosystem | Statistics, Basic Concepts in Geometry | Changing Life-2. The United Nations, Post World War Era and India's Foreign Policy, India's Defence System, |
| 4 | Minor Test-4 | 9/10/2022 | 9 | Current Electricity | Carbon: An Important Element | Life Processes in Living Organisms | Parallel Lines, Triangles, Constructions of Triangles, | India and Other Countries, International Problems Endogenic Movements,Exogenetic Processes Part I |
| 5 | Minor Test-5 | 13/11/2022 | 9 | Reflection of Light, ICT | Acids,Bases and Salts | Heredity and Variation | Quadrilaterals, Circles, Coordinate Geometry | Exogenetic Processes Part II, Precipitation, The Properties of Sea Water, International Date Line |
| 6 | Minor Test-6 | 27/11/2022 | 9 | Sound, Telescopes | Measurement Of Matter, Carbon | Environmental Management, Introduction to Biotechnology | Trigonometry, Surface Areas and Volumes | Introduction to Economics and Trade, Urbanisation, Transport & Communication, Tourism |
| 7 | Major Test-1 | 25/12/2022 | 9 | Full syllabus | Full Syllabus | Full syllabus | Full syllabus | Full syllabus |
| 8 | Major Test-2 | 22/01/2023 | 9 | Full syllabus | Full Syllabus | Full syllabus | Full syllabus | Full syllabus |

NTSE PAPER PATTERN AND MARKING SCHEME

| PAPER | TEST | NUMBER OF QUESTIONS | QUESTION NUMBERING | MARKS | TIME DURATION | REMARKS |
|----------|--------------------------------|---------------------|--|-------|---------------|---|
| PAPER -1 | MENTAL ABILITY TEST (MAT) | 100 | Q.1 - Q.100 | 100 | 120 Min | NO NEGATIVE MARKING IN BOTH PAPERS |
| PAPER -2 | SCHOLASTIC APTITUDE TEST (SAT) | 100 | Phy. Q.1 - Q.14 Chem. Q.15 - Q.27 Bio. Q.28 - Q.40 Maths. Q.41 - Q.60 SST - Q.61 - Q.100 | 100 | 120 Min | |