

Maharashtra

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| | I Economics | 15 |
| 6 | Expected cutoff | 15 |

"Winners always do it first."

Note:-Though Ntseguru content team has taken utmost care in typing the Answer Keys. But due to early documentation & printing, an error of $\pm 5\%$ may occur. Answer Keys should be taken in that respect.

| Que | Answer | Class | Subject | Topic | Difficulty Level | Type |
|--------|--------|-------|---------|---------------------------------------|------------------|------|
| SAT 1 | D | IX | PHY | Force & Laws of Motion | E | I |
| SAT 2 | B | IX | PHY | State Specific topics | M | C |
| SAT 3 | A | IX | PHY | Gravitation | C | A |
| SAT 4 | C | IX | PHY | State Specific topics | C | A |
| SAT 5 | B | X | PHY | Light_Reflection & Refraction | M | A |
| SAT 6 | B | X | PHY | Light_Reflection & Refraction | C | A |
| SAT 7 | A | X | PHY | Light_Reflection & Refraction | M | C |
| SAT 8 | C | IX | PHY | Gravitation | E | I |
| SAT 9 | O | IX | PHY | Motion | M | A |
| SAT 10 | A | X | PHY | Electricity | E | I |
| SAT 11 | B | X | PHY | Light_Reflection & Refraction | M | A |
| SAT 12 | C | X | PHY | Electricity | M | A |
| SAT 13 | A | X | PHY | Electricity | M | A |
| SAT 14 | A | IX | CHE | Atoms and Molecules | E | I |
| SAT 15 | C | X | CHE | Carbon and Its Compounds | M | C |
| SAT 16 | B | X | CHE | Metals and Non-Metals | M | C |
| SAT 17 | C | X | CHE | Periodic Classification of Elements & | E | C |
| SAT 18 | D | X | CHE | Chemical Reactions & Equations | E | C |
| SAT 19 | A | X | CHE | Carbon and Its Compounds | E | C |
| SAT 20 | C | X | CHE | State Specific Topics | M | C |
| SAT 21 | A | X | CHE | Periodic Classification of Elements & | C | C |
| SAT 22 | C | X | CHE | State Specific Topics | M | C |
| SAT 23 | B | X | CHE | Carbon and Its Compounds | E | I |
| SAT 24 | C | X | CHE | Metals and Non-Metals | E | I |
| SAT 25 | A | X | CHE | State Specific Topics | M | C |
| SAT 26 | D | X | CHE | Atoms and Molecules | E | A |
| SAT 27 | A | X | BIO | Heredity & Evolution | E | I |
| SAT 28 | D | X | BIO | Life Processes | E | I |
| SAT 29 | C | X | BIO | Life Processes | E | I |
| SAT 30 | C | IX | BIO | State Specific Topics | E | I |
| SAT 31 | B | X | BIO | State Specific Topics | E | I |
| SAT 32 | B | X | BIO | State Specific Topics | E | I |
| SAT 33 | A | X | BIO | State Specific Topics | E | I |
| SAT 34 | D | X | BIO | State Specific Topics | M | I |
| SAT 35 | D | X | BIO | State Specific Topics | E | I |
| SAT 36 | A | X | BIO | State Specific Topics | E | I |
| SAT 37 | C | X | BIO | State Specific Topics | E | I |
| SAT 38 | D | X | BIO | State Specific Topics | E | I |
| SAT 39 | B | IX | BIO | State Specific Topics | E | I |
| SAT 40 | C | X | BIO | State Specific Topics | E | I |
| SAT 41 | D | X | HIS | State Specific Topics | M | I |
| SAT 42 | A | X | HIS | State Specific Topics | E | I |
| SAT 43 | B | X | HIS | State Specific Topics | M | I |
| SAT 44 | C | X | HIS | State Specific Topics | M | I |

| Que | Answer | Class | Subject | Topic | Difficulty Level | Type |
|--------|--------|-------|---------|----------------------------------|------------------|------|
| SAT 45 | A | X | HIS | State Specific Topics | M | I |
| SAT 46 | B | X | HIS | State Specific Topics | E | I |
| SAT 47 | C | X | HIS | State Specific Topics | M | I |
| SAT 48 | B | X | HIS | State Specific Topics | M | I |
| SAT 49 | C | X | HIS | State Specific Topics | C | I |
| SAT 50 | A | IX | ECO | State Specific Topics | E | I |
| SAT 51 | C | X | HIS | State Specific Topics | E | I |
| SAT 52 | A | X | HIS | State Specific Topics | M | I |
| SAT 53 | A | X | HIS | State Specific Topics | E | I |
| SAT 54 | B | IX | GEO | State Specific Topics | E | I |
| SAT 55 | D | IX | ECO | State Specific Topics | E | I |
| SAT 56 | B | X | HIS | State Specific Topics | M | I |
| SAT 57 | D | X | CIV | State Specific Topics | E | I |
| SAT 58 | D | X | ECO | State Specific Topics | M | I |
| SAT 59 | C | X | CIV | State Specific Topics | M | I |
| SAT 60 | B | X | CIV | State Specific Topics | M | I |
| SAT 61 | C | X | CIV | State Specific Topics | M | I |
| SAT 62 | A | IX | ECO | State Specific Topics | E | I |
| SAT 63 | B | X | CIV | State Specific Topics | C | I |
| SAT 64 | B | X | CIV | State Specific Topics | M | I |
| SAT 65 | D | IX | GEO | State Specific Topics | M | I |
| SAT 66 | A | X | ECO | State Specific Topics | C | I |
| SAT 67 | B | X | GEO | State Specific Topics | M | I |
| SAT 68 | A | X | GEO | State Specific Topics | E | I |
| SAT 69 | B | X | GEO | State Specific Topics | M | I |
| SAT 70 | C | X | GEO | State Specific Topics | E | I |
| SAT 71 | B | X | GEO | State Specific Topics | E | I |
| SAT 72 | A | X | GEO | State Specific Topics | M | I |
| SAT 73 | A | X | ECO | State Specific Topics | M | I |
| SAT 74 | A | X | HIS | State Specific Topics | C | I |
| SAT 75 | D | X | GEO | State Specific Topics | E | I |
| SAT 76 | B | X | GEO | State Specific Topics | E | I |
| SAT 77 | B | IX | ECO | State Specific Topics | M | I |
| SAT 78 | C | X | ECO | State Specific Topics | M | I |
| SAT 79 | D | X | GEO | State Specific Topics | M | I |
| SAT 80 | D | IX | GEO | State Specific Topics | E | I |
| SAT 81 | D | X | MATH | Linear Equation in Two variables | M | A |
| SAT 82 | B | X | MATH | Quadratic Equation | M | A |
| SAT 83 | D | X | MATH | Quadratic Equation | M | A |
| SAT 84 | A | X | MATH | Arithmetic Progression | E | A |
| SAT 85 | B | IX | MATH | Probability | E | A |
| SAT 86 | B | X | MATH | Real Numbers | E | A |
| SAT 87 | B | X | MATH | Arithmetic Progression | E | C |
| SAT 88 | C | IX | MATH | Probability | E | C |
| SAT 89 | C | X | MATH | Statistics | E | C |

| Que | Answer | Class | Subject | Topic | Difficulty Level | Type |
|---------|--------|-------|---------|------------------------|------------------|------|
| SAT 90 | C | IX | MATH | Polynomials | E | C |
| SAT 91 | B | X | MATH | Similar Triangles | E | C |
| SAT 92 | A | X | MATH | Coordinate Geometry | E | C |
| SAT 93 | C | IX | MATH | Construction | E | A |
| SAT 94 | B | X | MATH | State Specific Topics | E | C |
| SAT 95 | D | X | MATH | Similar Triangles | M | C |
| SAT 96 | A | IX | MATH | Heron's Formula | E | C |
| SAT 97 | C | X | MATH | State Specific Topics | E | C |
| SAT 98 | A | X | MATH | Circles | E | C |
| SAT 99 | D | X | MATH | Similar Triangles | E | C |
| SAT 100 | D | X | MATH | Circles | E | C |
| MAT 1 | B | X | MAT | Analogy | E | A |
| MAT 2 | D | X | MAT | Analogy | E | A |
| MAT 3 | B | X | MAT | Analogy | E | A |
| MAT 4 | D | X | MAT | Number Ranking | M | A |
| MAT 5 | B | X | MAT | Series | M | A |
| MAT 6 | A | X | MAT | Series | M | A |
| MAT 7 | B | X | MAT | Series | M | A |
| MAT 8 | A | X | MAT | Series | M | A |
| MAT 9 | C | X | MAT | Classification | E | A |
| MAT 10 | D | X | MAT | Classification | E | A |
| MAT 11 | B | X | MAT | Classification | M | A |
| MAT 12 | D | X | MAT | Cube and Dice | M | A |
| MAT 13 | A | X | MAT | Cube and Dice | M | A |
| MAT 14 | B | X | MAT | Cube and Dice | M | A |
| MAT 15 | A | X | MAT | Analogy | M | A |
| MAT 16 | B | X | MAT | Series | E | A |
| MAT 17 | D | X | MAT | Series | E | A |
| MAT 18 | C | X | MAT | Puzzle Test | M | A |
| MAT 19 | D | X | MAT | Puzzle Test | M | A |
| MAT 20 | C | X | MAT | Puzzle Test | M | A |
| MAT 21 | B | X | MAT | Cube and Dice | M | A |
| MAT 22 | A | X | MAT | Cube and Dice | M | A |
| MAT 23 | A | X | MAT | Cube and Dice | E | A |
| MAT 24 | A | X | MAT | Water and Mirror Image | E | A |
| MAT 25 | C | X | MAT | Water and Mirror Image | E | A |
| MAT 26 | C | X | MAT | Alphabet Test | M | A |
| MAT 27 | D | X | MAT | Alphabet Test | M | A |
| MAT 28 | C | X | MAT | Venn Diagram | E | A |
| MAT 29 | D | X | MAT | Venn Diagram | E | A |
| MAT 30 | B | X | MAT | Venn Diagram | E | A |
| MAT 31 | B | X | MAT | Classification | M | A |

| Que | Answer | Class | Subject | Topic | Difficulty Level | Type |
|--------|--------|-------|---------|-------------------------|------------------|------|
| MAT 32 | C | X | MAT | Classification | M | A |
| MAT 33 | D | X | MAT | Series | E | A |
| MAT 34 | A | X | MAT | Series | E | A |
| MAT 35 | C | X | MAT | Figure Partition | M | A |
| MAT 36 | B | X | MAT | Figure Partition | M | A |
| MAT 37 | C | X | MAT | Cube and Dice | E | A |
| MAT 38 | C | X | MAT | Cube and Dice | E | A |
| MAT 39 | A | X | MAT | Cube and Dice | E | A |
| MAT 40 | D | X | MAT | Missing Characters | E | A |
| MAT 41 | C | X | MAT | Missing Characters | E | A |
| MAT 42 | C | X | MAT | Analogy | C | A |
| MAT 43 | D | X | MAT | Analogy | M | A |
| MAT 44 | C | X | MAT | Analogy | E | A |
| MAT 45 | D | X | MAT | Water and Mirror Image | E | A |
| MAT 46 | C | X | MAT | Water and Mirror Image | E | A |
| MAT 47 | A | X | MAT | Number Ranking | E | A |
| MAT 48 | B | X | MAT | Number Ranking | E | A |
| MAT 49 | C | X | MAT | Series | E | A |
| MAT 50 | B | X | MAT | Series | M | A |
| MAT 51 | D | X | MAT | Series | E | A |
| MAT 52 | B | X | MAT | Series | C | A |
| MAT 53 | C | X | MAT | Analogy | E | A |
| MAT 54 | D | X | MAT | Analogy | E | A |
| MAT 55 | 0 | X | MAT | Analogy | E | A |
| MAT 56 | A | X | MAT | Direction Sense | E | A |
| MAT 57 | D | X | MAT | Direction Sense | E | A |
| MAT 58 | B | X | MAT | Missing Characters | M | A |
| MAT 59 | C | X | MAT | Missing Characters | E | A |
| MAT 60 | C | X | MAT | Missing Characters | E | A |
| MAT 61 | C | X | MAT | Puzzle Test | E | A |
| MAT 62 | B | X | MAT | Puzzle Test | E | A |
| MAT 63 | D | X | MAT | Puzzle Test | E | A |
| MAT 64 | C | X | MAT | Mathematical Operator | M | A |
| MAT 65 | D | X | MAT | Mathematical Operator | M | A |
| MAT 66 | D | X | MAT | Paper Folding & Cutting | E | A |
| MAT 67 | C | X | MAT | Paper Folding & Cutting | E | A |
| MAT 68 | B | X | MAT | State Specific Topics | M | A |
| MAT 69 | C | X | MAT | State Specific Topics | M | A |
| MAT 70 | B | X | MAT | Missing Characters | M | A |
| MAT 71 | 0 | X | MAT | Missing Characters | M | A |
| MAT 72 | D | X | MAT | Incomplete Figures | E | A |
| MAT 73 | B | X | MAT | Incomplete Figures | E | A |
| MAT 74 | D | X | MAT | Alphabet Test | M | A |
| MAT 75 | A | X | MAT | Alphabet Test | M | A |
| MAT 76 | D | X | MAT | Alphabet Test | M | A |

| Que | Answer | Class | Subject | Topic | Difficulty Level | Type |
|---------|--------|-------|---------|-------------------------|------------------|------|
| MAT 77 | D | X | MAT | Paper Folding & Cutting | E | A |
| MAT 78 | O | X | MAT | Paper Folding & Cutting | E | A |
| MAT 79 | A | X | MAT | Paper Folding & Cutting | E | A |
| MAT 80 | D | X | MAT | Paper Folding & Cutting | E | A |
| MAT 81 | C | X | MAT | Coding and Decoding | M | A |
| MAT 82 | C | X | MAT | Coding and Decoding | M | A |
| MAT 83 | A | X | MAT | Coding and Decoding | M | A |
| MAT 84 | C | X | MAT | Coding and Decoding | E | A |
| MAT 85 | B | X | MAT | Coding and Decoding | M | A |
| MAT 86 | B | X | MAT | Series | M | A |
| MAT 87 | C | X | MAT | Series | M | A |
| MAT 88 | A | X | MAT | Series | M | A |
| MAT 89 | B | X | MAT | Embedded Figure | E | A |
| MAT 90 | A | X | MAT | Embedded Figure | E | A |
| MAT 91 | C | X | MAT | Missing Characters | M | A |
| MAT 92 | B | X | MAT | Missing Characters | M | A |
| MAT 93 | B | X | MAT | Coding and Decoding | E | A |
| MAT 94 | D | X | MAT | Coding and Decoding | E | A |
| MAT 95 | B | X | MAT | Coding and Decoding | E | A |
| MAT 96 | C | X | MAT | Coding and Decoding | E | A |
| MAT 97 | B | X | MAT | Coding and Decoding | E | A |
| MAT 98 | A | X | MAT | Coding and Decoding | E | A |
| MAT 99 | A | X | MAT | Coding and Decoding | E | A |
| MAT 100 | B | X | MAT | Coding and Decoding | E | A |

Legends Used

| | | | |
|-------------|---|-------------------|---|
| Moderate | M | Information Based | I |
| Easy | E | Concept Based | C |
| Challenging | C | Application Based | A |

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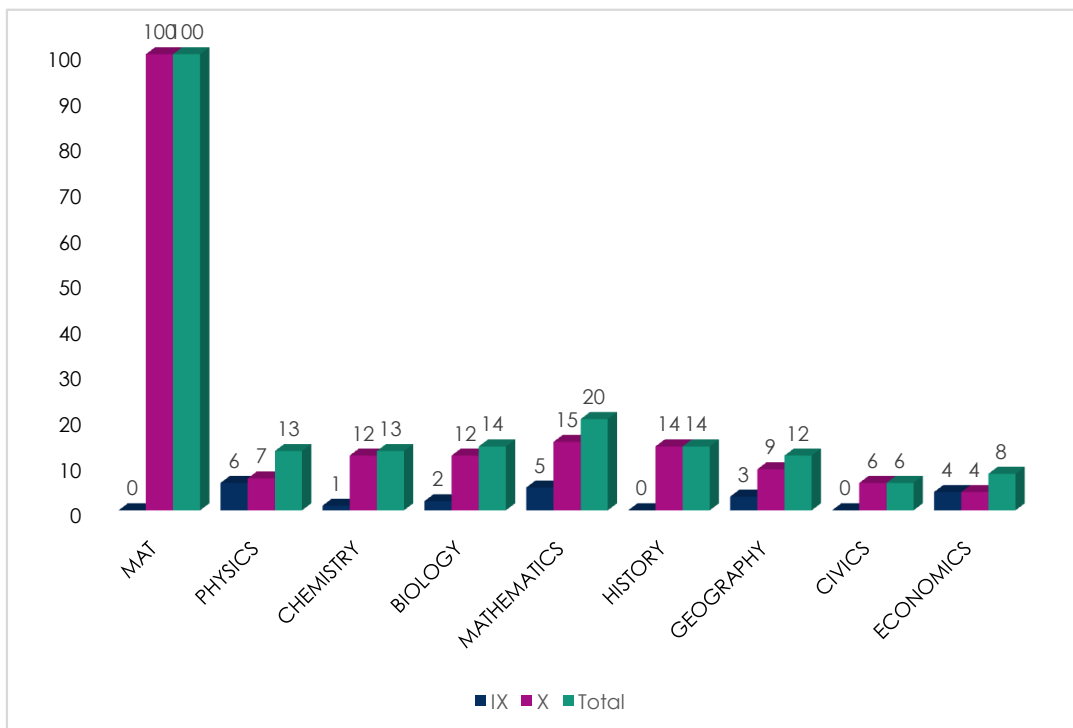


Overall Marks Distribution

| Paper | Test | No. Of Questions | Max Marks | Time Alloted |
|-------|--------------------------------------|------------------|-----------|--------------|
| I | MAT (Mental Ability Test) | 100 | 100 | 2 hr |
| II | SAT (Science, Maths and So. Science) | 100 | 100 | 2 hr |

Subject wise Marks Distribution

| Subject | IX | X | Total |
|-------------|----|-----|-------|
| MAT | 0 | 100 | 100 |
| PHYSICS | 6 | 7 | 13 |
| CHEMISTRY | 1 | 12 | 13 |
| BIOLOGY | 2 | 12 | 14 |
| MATHEMATICS | 5 | 15 | 20 |
| HISTORY | 0 | 14 | 14 |
| GEOGRAPHY | 3 | 9 | 12 |
| CIVICS | 0 | 6 | 6 |
| ECONOMICS | 4 | 4 | 8 |
| Grand Total | 21 | 179 | 200 |

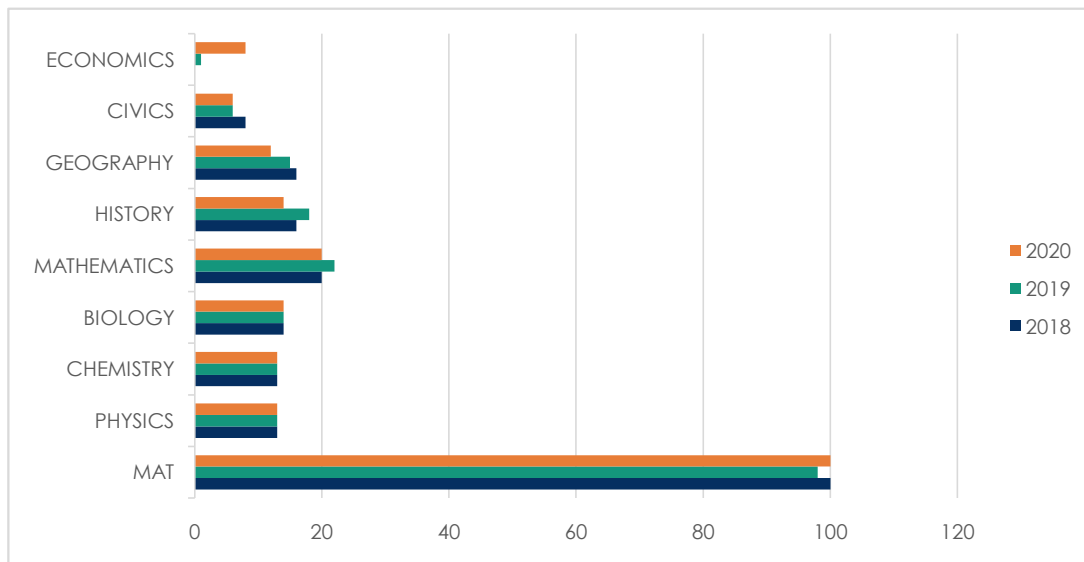


Previous Year Analysis

| Subject | 2018 | 2019 | 2020 |
|-------------|------|------|------|
| MAT | 100 | 98 | 100 |
| PHYSICS | 13 | 13 | 13 |
| CHEMISTRY | 13 | 13 | 13 |
| BIOLOGY | 14 | 14 | 14 |
| MATHEMATICS | 20 | 22 | 20 |
| HISTORY | 16 | 18 | 14 |
| GEOGRAPHY | 16 | 15 | 12 |
| CIVICS | 8 | 6 | 6 |
| ECONOMICS | 0 | 1 | 8 |
| Grand Total | 200 | 200 | 200 |

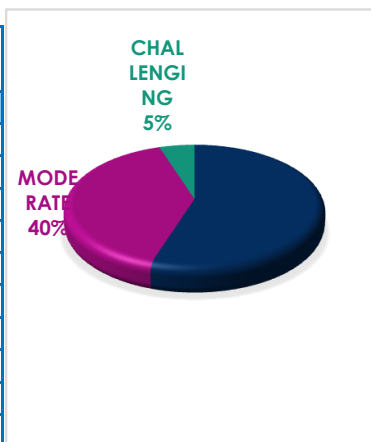
Important observations:-

| | |
|---|---|
| 1 | No. of MAT questions were equal in 2018 and less in 2019 compared to this year. |
| 2 | No. of PHYSICS questions were equal in 2018 and equal in 2019 compared to this year. |
| 3 | No. of CHEMISTRY questions were equal in 2018 and equal in 2019 compared to this year. |
| 4 | No. of BIOLOGY questions were equal in 2018 and equal in 2019 compared to this year. |
| 5 | No. of MATHEMATICS questions were equal in 2018 and more in 2019 compared to this year. |
| 6 | No. of HISTORY questions were more in 2018 and more in 2019 compared to this year. |
| 7 | No. of GEOGRAPHY questions were more in 2018 and more in 2019 compared to this year. |
| 8 | No. of CIVICS questions were more in 2018 and equal in 2019 compared to this year. |
| 9 | No. of ECONOMICS questions were less in 2018 and less in 2019 compared to this year. |



OVERALL DIFFICULTY LEVEL ANALYSIS

| 2020 | | | | |
|-------------|------|----------|-------------|-------|
| Subject | EASY | MODERATE | CHALLENGING | Total |
| MAT | 56 | 42 | 2 | 100 |
| PHYSICS | 3 | 7 | 3 | 13 |
| CHEMISTRY | 7 | 5 | 1 | 13 |
| BIOLOGY | 13 | 1 | 0 | 14 |
| MATHEMATICS | 16 | 4 | 0 | 20 |
| HISTORY | 4 | 8 | 2 | 14 |
| GEOGRAPHY | 7 | 5 | 0 | 12 |
| CIVICS | 1 | 4 | 1 | 6 |
| ECONOMICS | 3 | 4 | 1 | 8 |
| Grand Total | 110 | 80 | 10 | 200 |



| Previous Year Analysis | | | |
|------------------------|-------------------------|-------------------------|-------------------------|
| Subject | Difficulty Index (2018) | Difficulty Index (2019) | Difficulty Index (2020) |
| MAT | 2.03 | 2.11 | 1.46 |
| PHYSICS | 2.08 | 2.00 | 2.00 |
| CHEMISTRY | 1.46 | 1.77 | 1.54 |
| BIOLOGY | 1.29 | 2.07 | 1.07 |
| MATHEMATICS | 1.85 | 1.91 | 1.20 |
| HISTORY | 2.13 | 1.22 | 1.86 |
| GEOGRAPHY | 2.31 | 1.93 | 1.42 |
| CIVICS | 2.13 | 1.00 | 2.00 |
| ECONOMICS | #DIV/0! | 1.00 | 1.75 |
| Overall | 1.96 | 1.93 | 1.50 |

This year paper was easier than 2018 paper and easier than 2019 paper

This year paper was equal in difficulty with 2018 paper and equal in difficulty with 2019 paper

This year paper was equal in difficulty with 2018 paper and equal in difficulty with 2019 paper

This year paper was equal in difficulty with 2018 paper and equal in difficulty with 2019 paper

This year paper was equal in difficulty with 2018 paper and equal in difficulty with 2019 paper

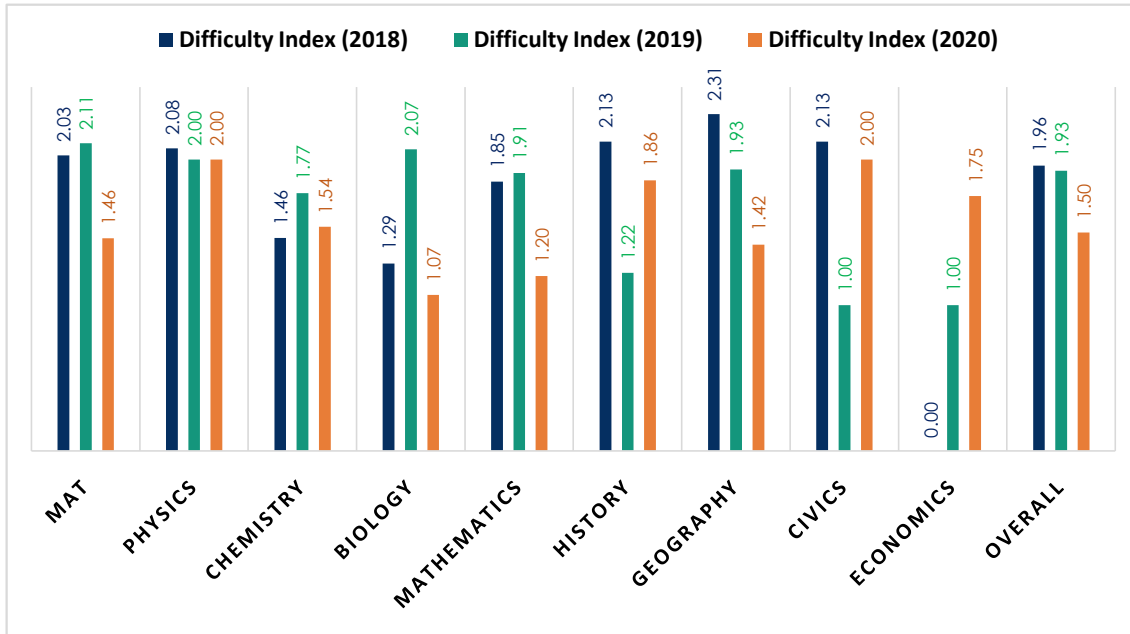
This year paper was equal in difficulty with 2018 paper and equal in difficulty with 2019 paper

This year paper was equal in difficulty with 2018 paper and equal in difficulty with 2019 paper

This year paper was equal in difficulty with 2018 paper and equal in difficulty with 2019 paper

This year paper was equal in difficulty with 2018 paper and equal in difficulty with 2019 paper

This year paper was equal in difficulty with 2018 paper and equal in difficulty with 2019 paper



Topicwise Analysis

| MAT | | | | | |
|------------------------|------|------|------|-------------------------|----------------------|
| Topics | 2020 | 2019 | 2018 | Comparison on with 2019 | Comparison with 2018 |
| Series | 15 | 8 | 7 | more | more |
| Coding and Decoding | 13 | 8 | 10 | more | more |
| Clocks And Calendar | 0 | 0 | 0 | equal | equal |
| Alphabet Test | 5 | 8 | 2 | less | more |
| Mathematical Operator | 2 | 4 | 2 | less | equal |
| Blood Relation | 0 | 0 | 0 | equal | equal |
| Number Ranking | 3 | 5 | 3 | less | equal |
| Analogy | 10 | 4 | 4 | more | more |
| Classification | 5 | 8 | 9 | less | less |
| Cube and Dice | 9 | 9 | 9 | equal | equal |
| Puzzle Test | 6 | 3 | 8 | more | less |
| Missing Characters | 9 | 7 | 9 | more | equal |
| Direction Sense | 2 | 2 | 2 | equal | equal |
| Water and Mirror Image | 4 | 2 | 2 | more | more |
| Venn Diagram | 3 | 3 | 3 | equal | equal |
| Incomplete Figures | 2 | 4 | 2 | less | equal |
| Embedded Figure | 2 | 4 | 4 | less | less |

| | | | | | |
|---------------------------|---|---|----|-------|-------|
| Paper Folding & Cutting | 6 | 4 | 4 | more | more |
| Non-Verbal Series | 0 | 0 | 4 | equal | less |
| Non-verbal Classification | 0 | 0 | 0 | equal | equal |
| Non-verbal Analogy | 0 | 0 | 11 | equal | less |
| Figure Partition | 0 | 0 | 0 | equal | equal |
| State Specific Topics | 0 | 0 | 5 | equal | less |

PHYSICS

| Topics | 2020 | 2019 | 2018 | Comparison with 2019 | Comparison with 2018 |
|--------------------------------------|------|------|------|----------------------|----------------------|
| Force & Laws of Motion | 1 | 0 | 1 | more | equal |
| Gravitation | 2 | 1 | 2 | more | equal |
| Electricity | 3 | 1 | 2 | more | more |
| Magnetic Effects of Electric Current | 0 | 1 | 1 | less | less |
| Motion | 1 | 1 | 0 | equal | more |
| Sound | 0 | 1 | 0 | less | equal |
| Work, Power & Energy | 0 | 2 | 0 | less | equal |
| Sources of Energy | 0 | 0 | 0 | equal | equal |
| Light_ Reflection & Refraction | 4 | 3 | 5 | more | less |
| Human Eye and Colourful World | 0 | 1 | 0 | less | equal |
| State Specific topics | 2 | 2 | 2 | equal | equal |

CHEMISTRY

| Topics | 2020 | 2019 | 2018 | Comparison with 2019 | Comparison with 2018 |
|--|------|------|------|----------------------|----------------------|
| Matter in Our surroundings | 0 | 0 | 0 | equal | equal |
| Atoms and Molecules | 2 | 0 | 1 | more | more |
| Chemical Reactions & Equations | 1 | 1 | 1 | equal | equal |
| Acid, Bases & Salts | 0 | 2 | 1 | less | less |
| Is Matter Around us Pure | 0 | 0 | 0 | equal | equal |
| Structure of Atoms | 0 | 0 | 0 | equal | equal |
| Carbon and Its Compounds | 3 | 5 | 3 | less | equal |
| Metals and Non-Metals | 2 | 3 | 1 | less | more |
| Periodic Classification of Elements & Period | 2 | 2 | 2 | equal | equal |
| State Specific Topics | 3 | 0 | 4 | more | less |

BIOLOGY

| Topics | 2020 | 2019 | 2018 | Comparison on with 2019 | Comparison with 2018 |
|------------------------------------|------|------|------|-------------------------|----------------------|
| Cell_ The fundamental Unit of Life | 0 | 1 | 0 | less | equal |
| Tissues | 0 | 0 | 1 | equal | less |
| Life Processes | 2 | 0 | 3 | more | less |
| Heredity & Evolution | 1 | 1 | 1 | equal | equal |
| Diversity | 0 | 2 | 2 | less | less |
| Improvement in Food Resources | 0 | 1 | 0 | less | equal |
| Natural Resources | 0 | 0 | 0 | equal | equal |
| Why do we fall ill | 0 | 1 | 0 | less | equal |
| Management of Natural Resources | 0 | 1 | 0 | less | equal |
| Reproduction | 0 | 2 | 2 | less | less |
| Control & Coordination | 0 | 0 | 0 | equal | equal |
| Our Environment | 0 | 0 | 0 | equal | equal |
| State Specific Topics | 11 | 5 | 5 | more | more |

MATHEMATICS

| Topics | 2020 | 2019 | 2018 | Comparison on with 2019 | Comparison with 2018 |
|-------------------------------------|------|------|------|-------------------------|----------------------|
| Polynomials | 1 | 1 | 0 | equal | more |
| Lines and Angles | 0 | 1 | 1 | less | less |
| Linear Equation in Two variables | 1 | 3 | 2 | less | less |
| Similar Triangles | 3 | 3 | 0 | equal | more |
| Number System | 0 | 0 | 2 | equal | less |
| Coordinate Geometry | 1 | 2 | 1 | less | equal |
| Linear Equation in Two variables | 1 | 3 | 2 | less | less |
| Euclids Geometry | 0 | 0 | 0 | equal | equal |
| Triangles | 0 | 0 | 2 | equal | less |
| Quadrilaterals | 0 | 0 | 0 | equal | equal |
| Area of Parallelogram and Triangles | 0 | 1 | 1 | less | less |
| Circles | 2 | 1 | 2 | more | equal |
| Heron's Formula | 1 | 0 | 0 | more | more |
| Surface Area and Volumes | 0 | 2 | 0 | less | equal |
| Statistics | 1 | 1 | 1 | equal | equal |
| Probability | 2 | 0 | 2 | more | equal |
| Construction | 1 | 0 | 0 | more | more |
| Polynomials | 1 | 1 | 0 | equal | more |
| Quadratic Equation | 2 | 0 | 2 | more | equal |
| Real Numbers | 1 | 0 | 0 | more | more |
| Coordinate Geometry | 1 | 2 | 1 | less | equal |

| | | | | | |
|--------------------------|---|---|---|-------|-------|
| Arithmetic Progression | 2 | 2 | 1 | equal | more |
| Surface Area and Volumes | 0 | 2 | 0 | less | equal |

HISTORY

| Topics | 2020 | 2019 | 2018 | Comparison with 2019 | Comparison with 2018 |
|--|------|------|------|----------------------|----------------------|
| The French Revolution | 0 | 0 | 0 | equal | equal |
| Socialism In Europe and the Russian Revolution | 0 | 0 | 0 | equal | equal |
| The Rise of Nationalism in Europe | 0 | 0 | 0 | equal | equal |
| Nationalism in India | 0 | 0 | 0 | equal | equal |
| The Age of Industrialization | 0 | 0 | 0 | equal | equal |
| Print Culture and the Modern World | 0 | 0 | 0 | equal | equal |
| Nazism and the Rise of Hitler | 0 | 0 | 0 | equal | equal |
| Forest Society and Colonialism | 0 | 0 | 0 | equal | equal |
| Pastoralists in the Modern World | 0 | 0 | 0 | equal | equal |
| Peasants and Farmers | 0 | 0 | 0 | equal | equal |
| The Nationalist Movement in Indo-China | 0 | 0 | 0 | equal | equal |
| The Making of a Global World | 0 | 0 | 0 | equal | equal |
| Work, Life and Leisure | 0 | 0 | 0 | equal | equal |
| Novel Society and History | 0 | 0 | 0 | equal | equal |
| State Specific Topics | 14 | 18 | 16 | less | less |

Geography

| Topics | 2020 | 2019 | 2018 | Comparison with 2019 | Comparison with 2018 |
|---------------------------------|------|------|------|----------------------|----------------------|
| India Size and Location | 0 | 0 | 0 | equal | equal |
| Physical Features of India | 0 | 0 | 0 | equal | equal |
| Drainage | 0 | 0 | 0 | equal | equal |
| Climate | 0 | 0 | 0 | equal | equal |
| Natural Vegetation and Wildlife | 0 | 0 | 0 | equal | equal |
| Population | 0 | 0 | 0 | equal | equal |
| Resources and Development | 0 | 0 | 0 | equal | equal |
| Forest and Wildlife Resources | 0 | 0 | 0 | equal | equal |
| Water Resources | 0 | 0 | 0 | equal | equal |
| Agriculture | 0 | 0 | 0 | equal | equal |
| Minerals and Energy Resources | 0 | 0 | 0 | equal | equal |
| Manufacturing Industries | 0 | 0 | 0 | equal | equal |
| Lifelines of National Economy | 0 | 0 | 0 | equal | equal |
| State Specific Topics | 12 | 15 | 16 | less | less |

| Civics | | | | | |
|---------------------------------|------|------|------|----------------------|----------------------|
| Topics | 2020 | 2019 | 2018 | Comparison with 2019 | Comparison with 2018 |
| What is Democracy Why Democracy | 0 | 0 | 0 | equal | equal |
| Constitutional Design | 0 | 0 | 0 | equal | equal |
| Electoral Politics | 0 | 0 | 0 | equal | equal |
| Working of Institutions | 0 | 0 | 0 | equal | equal |
| Democratic Rights | 0 | 0 | 0 | equal | equal |
| Power sharing | 0 | 0 | 0 | equal | equal |
| Federalism | 0 | 0 | 0 | equal | equal |
| Democracy & Diversity | 0 | 0 | 0 | equal | equal |
| Gender, Religion and Caste | 0 | 0 | 0 | equal | equal |
| Political Parties | 0 | 0 | 0 | equal | equal |
| Outcomes of Democracy | 0 | 0 | 0 | equal | equal |
| Challenges to Democracy | 0 | 0 | 0 | equal | equal |
| State Specific Topics | 6 | 6 | 8 | equal | less |


| ECONOMICS | | | | | |
|--------------------------------------|------|------|------|----------------------|----------------------|
| Topics | 2020 | 2019 | 2018 | Comparison with 2019 | Comparison with 2018 |
| The Story of Village Palampur | 0 | 0 | 0 | equal | equal |
| Poverty as a Challenge | 0 | 0 | 0 | equal | equal |
| People as Resource | 0 | 0 | 0 | equal | equal |
| Food security in India | 0 | 0 | 0 | equal | equal |
| Development | 0 | 0 | 0 | equal | equal |
| Sectors of the Indian Economy | 0 | 0 | 0 | equal | equal |
| Money and Credit | 0 | 0 | 0 | equal | equal |
| Globalization and the Indian Economy | 0 | 0 | 0 | equal | equal |
| Consumer Rights | 0 | 0 | 0 | equal | equal |
| State Specific Topics | 8 | 1 | 0 | more | more |

Expected Cutoff

| Category | Expected 2020 |
|----------|---------------|
| General | 178 |

This is an expected cutoff and not an actual selection criteria in NTSE Phase-I

Note:- Though Ntseguru content team has taken utmost care in typing the Answer Keys. But due to early documentation & printing, an error of $\pm 5\%$ may occur. Answer Keys should be taken in that respect.



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