



# 18<sup>th</sup> NTST

## NATIONAL TALENT SEARCH TEST (Syllabus Level-1 Class 3rd)



### MATHS

1. Numbers and Numeration up to 9999
2. Addition
3. Subtraction
4. Multiplication
5. Division
6. Even and Odd Numbers
7. Roman Numerals
8. Geometry
9. Fractions
10. Money
11. Time
12. Data Handling
13. Measurement of Length, Weight and Capacity

### SCIENCE

1. Plants and Animals
2. Birds
3. Food
4. Housing
5. Clothing and Occupation
6. Transport
7. Festivals
8. Human Body
9. Earth and Universe
10. Safety rules and first aid
11. Indoor and outdoor games
12. Our Environment
13. Communication

### ENGLISH

1. Nouns
2. Pronouns
3. Helping Verbs
4. Adverbs
5. Adjectives
6. Articles
7. Synonyms
8. Antonyms
9. Gender
10. Spellings
11. Clothes
12. Conjunctions
13. Prepositions
14. Punctuation
15. Simple Tenses
16. Three forms of verbs
17. Word power
18. Number
19. Animals and pets
20. Words related to animals
21. Proverbs
22. Jumbles words



# 18<sup>th</sup> NTST

## NATIONAL TALENT SEARCH TEST (Syllabus Level-1 Class 4th)



### MATHS

1. Number System
2. Roman Numerals
3. Addition
4. Subtraction
5. Multiplication
6. Division
7. Geometry
8. Time
9. Perimeter and Area
10. Fractions
11. Factors and Multiples
12. Decimals
13. Money
14. Metric System
15. Data Handling

### SCIENCE

1. Plants
2. Adaption in Animals
3. Beaks and claws
4. Clothes- Our Basic Needs
5. Food and Digestion
6. Human Needs
7. Matter and Materials
8. Force
9. Our Environment
10. Earth and Universe
11. Teeth and Tongue
12. Water
13. Health and hygiene

### ENGLISH

1. Nouns
2. Pronouns
3. Helping Verbs
4. Adverbs
5. Adjectives
6. Articles
7. Synonyms
8. Antonyms
9. Gender
10. Spellings
11. Clothes
12. Conjunctions
13. Prepositions
14. Punctuation
15. Simple Tenses
16. Three forms of verbs
17. Word power
18. Number
19. Animals and pets
20. Words related to animals
21. Proverbs
22. Jumbles words



# 18<sup>th</sup><sub>NTST</sub>

## NATIONAL TALENT SEARCH TEST (Syllabus Level-1 Class 5th)



### MATHS

1. Numerals
2. Computation Operations
3. Number Sense and Number Names  
(7- & 8-digit numbers)
4. Fractions and Decimals
5. Conversions
6. Measurement of Weight, Length,  
Capacity, Money, Time and Temperature
7. The Perimeter of various shapes
8. Geometrical Shapes and Solids
9. Area of Rectangle and Square
10. Angles
11. Symmetry
12. Data Handling

### SCIENCE

1. Plants
2. Animals
3. Human Body and Health
4. Natural Resources and Indian Heritage
5. Pollution and Climate
6. Earth and Universe
7. Matter and Materials
8. Force and Energy
9. Water resources
10. Forests

### ENGLISH

1. Nouns
2. Pronouns
3. Helping Verbs
4. Adverbs
5. Adjectives
6. Articles
7. Synonyms
8. Antonyms
9. Gender
10. Spellings
11. Clothes
12. Conjunctions
13. Prepositions
14. Punctuation
15. Simple Tenses
16. Three forms of verbs
17. Word power
18. Number
19. Animals and pets
20. Words related to animals
21. Proverbs
22. Jumbles words



# 18<sup>th</sup> NTST

## NATIONAL TALENT SEARCH TEST (Syllabus Level-1 Class 6th)



### MATHS

#### NUMBER SYSTEM

1. Knowing our Numbers
2. Playing with Numbers
3. Whole Numbers
4. Negative Numbers and Integers
5. Fractions:

#### GEOMETRY

1. Basic Geometrical Ideas (2 -D)
2. Understanding Elementary Shapes (2-D and 3-D):

#### MENSURATION

1. Data Handling

### SCIENCE

1. Food
2. Materials
3. The World of the Living
4. Moving Things, People and Ideas
5. How things work Electric current and circuits
6. Natural Phenomena

### ENGLISH

- |               |                           |                                   |                   |
|---------------|---------------------------|-----------------------------------|-------------------|
| 1. Nouns      | 7. Synonyms               | 13. Conjunctions                  | 19. Interjection  |
| 2. Pronouns   | 8. Antonyms               | 14. Prepositions                  | 20. Question tags |
| 3. Verbs      | 9. Narration              | 15. Punctuation and Jumbled Words | 21. Phrasal verbs |
| 4. Adverbs    | 10. Spellings             | 16. Tenses                        | 22. Idioms        |
| 5. Adjectives | 11. Collocations          | 17. Active and passive voice      | 23. Editing       |
| 6. Articles   | 12. One word substitution | 18. Modals                        | 24. Omissions     |

### Computer Science

1. Introduction
2. Parts of Computer
3. Applications of Computer
4. MS Paint
5. Hardware and Software
6. Input and Output Devices



# 18<sup>th</sup> NTST

## NATIONAL TALENT SEARCH TEST (Syllabus Level-1 Class 7th)



### MATHS

1. Integers
2. Fractions and decimals
3. Data handling
4. Lines and angles
5. Properties of triangle
6. Comparing quantities
7. Symmetry
8. Visualising solid shapes
9. Rational numbers

### SCIENCE

1. Nutrition in plants
2. Heat
3. Nutrition in animals
4. Acid base and salts
5. Physical and chemical changes
6. Motion and time
7. Respiration in organism
8. Forest: our lifeline
9. Light

### ENGLISH

- |               |                           |                                      |                   |
|---------------|---------------------------|--------------------------------------|-------------------|
| 1. Nouns      | 7. Synonyms               | 13. Conjunctions                     | 19. Interjection  |
| 2. Pronouns   | 8. Antonyms               | 14. Prepositions                     | 20. Question tags |
| 3. Verbs      | 9. Narration              | 15. Punctuation and<br>Jumbled Words | 21. Phrasal verbs |
| 4. Adverbs    | 10. Spellings             | 16. Tenses                           | 22. Idioms        |
| 5. Adjectives | 11. Collocations          | 17. Active and passive voice         | 23. Editing       |
| 6. Articles   | 12. One word substitution | 18. Modals                           | 24. Omissions     |

### Computer Science

1. Introduction
2. Parts of Computer
3. Applications of Computer
4. MS Paint
5. Hardware and Software
6. Input and Output Devices



# 18<sup>th</sup> NTST

## NATIONAL TALENT SEARCH TEST (Syllabus Level-1 Class 8th)



### MATHS

1. Rational number
2. Linear equation in one variable
3. Understanding quadrilaterals
4. Data handling
5. Square and square roots
6. Cubes and cube root
7. Exponent and powers
8. Factorisation
9. Introduction to graphs

### SCIENCE

1. Crop production
2. Microorganism- friend or foe
3. Combustion and flame
4. Conservation of plants and animals
5. Reaching to age of adolescence
6. Force and pressure
7. Sound
8. Some natural phenomena

### ENGLISH

- |               |                           |                                      |                   |
|---------------|---------------------------|--------------------------------------|-------------------|
| 1. Nouns      | 7. Synonyms               | 13. Conjunctions                     | 19. Interjection  |
| 2. Pronouns   | 8. Antonyms               | 14. Prepositions                     | 20. Question tags |
| 3. Verbs      | 9. Narration              | 15. Punctuation and<br>Jumbled Words | 21. Phrasal verbs |
| 4. Adverbs    | 10. Spellings             | 16. Tenses                           | 22. Idioms        |
| 5. Adjectives | 11. Collocations          | 17. Active and passive voice         | 23. Editing       |
| 6. Articles   | 12. One word substitution | 18. Modals                           | 24. Omissions     |

### Computer Science

1. Introduction
2. Parts of Computer
3. Applications of Computer
4. MS Paint
5. Hardware and Software
6. Input and Output Devices



# 18<sup>th</sup> NTST

## NATIONAL TALENT SEARCH TEST (Syllabus Level-1 Class 9th)



### MATHS

1. Number Systems
2. Algebra
3. Coordinate Geometry
4. Geometry
5. Statistics and Probability

### SCIENCE

1. Matter-Nature and Behaviour
2. Organization in the Living World
3. Motion, Force and Work
4. Food Production

### ENGLISH

- |               |                           |                                      |                   |
|---------------|---------------------------|--------------------------------------|-------------------|
| 1. Nouns      | 7. Synonyms               | 13. Conjunctions                     | 19. Interjection  |
| 2. Pronouns   | 8. Antonyms               | 14. Prepositions                     | 20. Question tags |
| 3. Verbs      | 9. Narration              | 15. Punctuation and<br>Jumbled Words | 21. Phrasal verbs |
| 4. Adverbs    | 10. Spellings             | 16. Tenses                           | 22. Idioms        |
| 5. Adjectives | 11. Collocations          | 17. Active and passive voice         | 23. Editing       |
| 6. Articles   | 12. One word substitution | 18. Modals                           | 24. Omissions     |

### Computer Science

- |                          |                                |
|--------------------------|--------------------------------|
| 1. Networking            | 4. Data Base Management System |
| 2. Internet Applications | 5. Generations of Computer     |
| 3. MS Excel              | 6. Computer Memory             |



# 18<sup>th</sup> NTST

## NATIONAL TALENT SEARCH TEST (Syllabus Level-1 Class 10th)



### MATHS

1. Number Systems
2. Algebra
3. Trigonometry
4. Coordinate Geometry
5. Geometry
6. Mensuration
7. Statistics and Probability

### SCIENCE

1. Chemical Substances - Nature and Behaviour  
Chemical reactions | Acids, bases and salts |  
Metals and non-metals
2. World of Living - Life processes | Reproduction
3. Natural Phenomena - Reflection of light by curved surfaces | Refraction of light by spherical lens
4. Effects of Current
5. Natural Resources

### ENGLISH

- |               |                           |                                      |                   |
|---------------|---------------------------|--------------------------------------|-------------------|
| 1. Nouns      | 7. Synonyms               | 13. Conjunctions                     | 19. Interjection  |
| 2. Pronouns   | 8. Antonyms               | 14. Prepositions                     | 20. Question tags |
| 3. Verbs      | 9. Narration              | 15. Punctuation and<br>Jumbled Words | 21. Phrasal verbs |
| 4. Adverbs    | 10. Spellings             | 16. Tenses                           | 22. Idioms        |
| 5. Adjectives | 11. Collocations          | 17. Active and passive voice         | 23. Editing       |
| 6. Articles   | 12. One word substitution | 18. Modals                           | 24. Omissions     |

### Computer Science

1. Office Automation- MS Word, MS Power Point, MS Excel
2. HTML
3. Operating System
4. Computer Applications
5. Hardware and Software
6. Internet





# 18<sup>th</sup> CTSE

## COMMERCE TALENT SEARCH EXAM (Syllabus Level-1 Class 11th Commerce)



### ACCOUNTANCY

1. Introduction to Accounting
2. Theory Base of Accounting
3. Recording of Business Transactions
4. Bank Reconciliation Statement
5. Depreciation, Provisions and Reserves
6. Trial balance and Rectification of Errors
7. Financial Statements
8. Incomplete Records

### BUSINESS STUDIES

1. Nature and Purpose of Business
2. Forms of Business Organisations
3. Public, Private and Global Enterprises
4. Business Services
5. Emerging Modes of Business
6. Social Responsibility of Business and Business Ethics
7. Sources of Business Finance
8. Small Business
9. Internal Trade
10. International Business

### ECONOMICS

#### Statistics for Economics

1. Introduction
2. Collection, Organisation and Presentation of Data
3. Statistical Tools and Interpretation

#### Introductory Microeconomics

1. Introduction
2. Consumer's Equilibrium and Demand
3. Producer Behaviour and Supply
4. Forms of Market and Price Determination under perfect competition with simple applications

### GENERAL AWARENESS

Questions will be based on Current Affairs, Basic Finance, Sports, National and International News, Political, Culture, Indian Constitution, Scientific Research, India and its neighbouring countries, Static GK etc.



# 18<sup>th</sup> CTSE

## COMMERCE TALENT SEARCH EXAM (Syllabus Level-1 Class 12th Commerce)



### ACCOUNTANCY

1. Accounting for Partnership Firms
2. Accounting for Partnership firms - Reconstitution and Dissolution
3. Accounting for Companies
4. Accounting for Share Capital
5. Accounting for Debentures
6. Analysis of Financial Statements
7. Financial statements of a Company
8. Cash Flow Statement

### BUSINESS STUDIES

1. Nature and Significance of Management
2. Principles of Management
3. Business Environment
4. Planning
5. Organising
6. Staffing
7. Directing
8. Controlling
9. Financial Management
10. Financial Markets
11. Marketing Management
12. Consumer Protection

### ECONOMICS

#### Introductory Macroeconomics

1. National Income and Related Aggregates
2. Money and Banking
3. Determination of Income and Employment
4. Government Budget and the Economy
5. Balance of Payments

#### Indian Economic Development

1. Development Experience (1947-90) and Economic Reforms since 1991
2. Current Challenges facing Indian Economy
3. Development Experience of India – A Comparison with Neighbours

### GENERAL AWARENESS

Questions will be based on Current Affairs, Basic Finance, Sports, National and International News, Political, Culture, Indian Constitution, Scientific Research, India and its neighbouring countries, Static GK etc.



# 18<sup>th</sup> NTST

## NATIONAL TALENT SEARCH TEST (Syllabus Level-1 Class 11th Science)



### CHEMISTRY

1. Some Basic Concepts of Chemistry
2. Structure of Atom
3. Classification of Elements and Periodicity in Properties
4. Chemical Bonding and Molecular Structure
5. Chemical Thermodynamics
6. Equilibrium
7. Redox Reactions

### PHYSICS

1. Physical World and Measurement
2. Kinematics
3. Laws of Motion
4. Work, Energy and Power
5. Motion of System of Particles and Rigid Body
6. Gravitation
7. Properties of Bulk Matter

### BIOLOGY

1. Diversity of Living Organisms
2. Structural Organization in Plants and Animal
3. Cell: Structure and Function
4. Plant Physiology
5. Human Physiology

### MATHS

1. Sets
2. Relations & Functions
3. Trigonometric Functions
4. Complex Numbers and Quadratic Equations
5. Linear Inequalities
6. Permutations and Combinations
7. Sequence and Series
8. Introduction to Three-dimensional Geometry
9. Statistics
10. Probability

### GENERAL AWARENESS

Questions will be based on Current Affairs, Basic Finance, Sports, National and International News, Political, Culture, Indian Constitution, Scientific Research, India and its neighbouring countries, Static GK etc.



# 18<sup>th</sup><sub>NTST</sub>

## NATIONAL TALENT SEARCH TEST (Syllabus Level-1 Class 12th Science)



### CHEMISTRY

1. Solutions
2. Electrochemistry
3. Chemical Kinetics
4. D and F Block Elements
5. Coordination Compounds
6. Haloalkanes and Haloarenes
7. Alcohols, Phenols and Ethers
8. Aldehydes, Ketones and Carboxylic Acids

### PHYSICS

1. Electrostatics
2. Current Electricity
3. Magnetic Effects of Current and Magnetism
4. Electromagnetic Induction and Alternating Currents
5. Electromagnetic Waves
6. Optics
7. Dual Nature of Radiation and Matter

### BIOLOGY

1. Reproduction
2. Genetics and Evolution
3. Biology and Human Welfare
4. Biotechnology and its Applications
5. Ecology and Environment

### MATHS

1. Relations and Functions
2. Inverse Trigonometric Functions
3. Matrices
4. Determinants
5. Continuity and Differentiability
6. Applications of Derivatives
7. Vectors
8. Three - dimensional Geometry
9. Linear Programming
10. Probability

### GENERAL AWARENESS

Questions will be based on Current Affairs, Basic Finance, Sports, National and International News, Political, Culture, Indian Constitution, Scientific Research, India and its neighbouring countries, Static GK etc.