



# BIHAR TALENT SEARCH EXAMINATION-2017

## Syllabus for class-8

### MATH

- 1.Symmetry
- 2.Concept of Perimeter & Introduction to Area
- 3.Powers
- 4.Ratio and Proportion
- 5.Practical Geometry
- 6.Mensuration
- 7.Comparing Quantities
- 8.Geometry: Understanding Shapes
- 9.Rational Numbers
- 10.Linear Equations in One Variable
- 11.Understanding Quadrilaterals
- 12.Practical Geometry
- 13.Data Handling
- 14.Squares and Square Roots
- 15.Cubes and Cube Roots
- 16.Algebraic Expressions and Identities

# SCIENCE

- 1.Reproduction in Plants
- 2.Motion and Time
- 3.Transportation in Animals and Plants
- 4.Electric Current and its Effects
- 5.Light
- 6.Water: A Precious Resource
- 7.Forests: Our Lifeline
- 8.Wastewater Story
- 9.Separation of Substances
- 10.Electricity And Circuits
- 11.Crop Production and Management
- 12.Synthetic Fibres and Plastics
- 13.Coal and Petroleum
- 14.Conservation of Plants and Animals
- 15.Reproduction In Animals
- 16.Force and Pressure
- 17.Sound
- 18.Some Natural Phenomena
- 19.Stars and The Solar System

# ENGLISH

1. Reported Speech
2. Tenses
3. Determiners
4. Conditional clause
5. Idioms
6. Word Meaning
7. Opposite words
8. Plurals
9. Verbs
10. Adjectives
11. Pronouns
12. Parts of Speech
13. Adverbs
14. Prepositions
15. Nouns
16. Direct-Indirect Speech
17. Single Word for Group of Words
18. Antonyms
19. Synonyms
20. Idioms

## GENERAL SCIENCE

**It includes Geography,History,Civics and current affairs.**

50% questions of this section will be from class **7th** last term and 50% questions of this section will be from class **8th** first term.