



# BIHAR MERIT TEST EXAMINATION

Syllabus: class 10<sup>th</sup> (CBSE)

## Subject: Math

- Real Numbers
- Polynomials
- Pair of Linear Equations in Two Variables
- Quadratic Equations
- Arithmetic Progression
- Triangles
- Coordinate Geometry
- Introduction to Trigonometry
- Some Applications of Trigonometry
- Circles
- Constructions
- Area Related to Circles
- Surface Areas and Volumes
- Statistics
- Probability

## Subject: Science

- Chemical Reactions and Equations
- Acids, Bases and Salts
- Metals and Non-Metals
- Carbon and its Compounds
- Periodic Classification of Elements
- Life Processes
- Control and Coordination
- How do Organisms Reproduce?
- Heredity and Evolution
- Light – Reflection and Refraction
- Human Eye and Colourful World
- Electricity
- Magnetic Effects of Electric Current
- Sources of Energy
- Our Environment
- Management of Natural Resources

## **Subject: English**

### **First Flight**

A Letter to God

Nelson Mandela: Long Walk to Freedom

Two Stories about Flying

From the Diary of Anne Frank

The Hundred Dresses-I

The Hundred Dresses-II

Glimpses of India

Mijbil the Otter

Madam Rides the Bus

The Sermon at Benares

The Proposal

### **FOOTPRINTS WITHOUT FEET**

A Triumph of Surgery

The Thief's Story

The Midnight Visitor

A Question of Trust

Footprints without Feet

The Making of a Scientist

The Necklace

The Hack Driver

Bholi

The Book That Saved the Earth

### **English Grammar**

Noun, Pronoun, Verb, Adverb, Prepositions, Conjunction, Phrases and Idioms, Vocabulary, Tenses, Comprehension Reading, Order of Words and Clauses, Direct and Indirect Speech, Active and Passive Voice.

## **Subject: GENERAL STUDIES**

It Includes Geography, History, civics and current affairs 40% questions of this section will be from class 9<sup>th</sup> last form and 60% questions of this section will be from class 10<sup>th</sup> Term.

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