

# **Bihar Staff Selection Commission (BSSC) Syllabus**

## **BSSC Stenographer Syllabus - General Knowledge**

- Countries and Capitals
- International and National Organizations
- Indian National Movement
- Sports
- Awards
- Authors
- Flower
- Indian Economy
- Budget and Five Year Plans
- Wars and
- Neighbors
- Current Affairs
- History
- Culture
- Religion
- Animal
- Abbreviations
- Discoveries
- Diseases and Nutrition
- Song
- Rivers
- Mountains
- Ports
- Important Days
- Indian History
- Books and Authors
- Awards and Honors
- Capitals of India
- Current Affairs – National and International
- Abbreviations
- General Policy
- Heritage and Arts
- Anthem
- Important National Facts
- Heritage and Arts
- Science and Technology
- Science – Inventions & Discoveries
- Dance
- Defense
- Culture
- Religion
- Languages
- Capitals

## **Bihar Staff Selection Commission (BSSC) Syllabus**

- Inland Harbours
- Number of Players
- Flag
- Monuments
- Personalities
- Freedom Movement
- Championships
- Winners
- Terms
- Common Names
- Full forms
- Soil

### **Bihar Staff Selection Commission (BSSC) Mental ability & Reasoning Ability Syllabus**

#### **Verbal reasoning**

- Analogy
- Series Completion
- Verification of truth of the Statement
- Situation Reaction Test
- Direction Sense Test
- Classification
- Data Sufficiency
- Alpha- Numeric Sequence Puzzle
- Puzzle Test
- Blood Relations
- Coding- Decoding
- Assertion and Reasoning
- Arithmetical Reasoning
- Operations of Mathematics
- Venn Diagrams
- Word Sequence
- Missing Characters
- Sequential Output training
- Directions
- Test on Alphabets
- Eligibility Test

#### **Non-Verbal Reasoning**

- Dot Situation
- Identical figure groupings
- Forming figures and analysis
- Construction of squares and Triangles
- Series

## **Bihar Staff Selection Commission (BSSC) Syllabus**

- Analytical Reasoning
- Paper Folding
- Paper Cutting
- Cubes and Dice
- Water Images
- Mirror Images
- Figure Matrix
- Completion Incomplete Pattern
- Spotting embedded figures
- Classification
- Rules Detection

### **bssc.bih.nic.in Stenographer General Science Syllabus**

- Laws of motion
- Units and measurements
- Thermal properties of matter
- Gravitation
- Kinetic theory
- Wave Optics
- Work, energy, and power
- Physical world
- Oscillations
- Ray optics and optical instruments
- Mechanical properties of solids
- Thermodynamics
- Motion in a straight line
- Nuclei
- Motion in a plane
- Systems of particles and rotational motion
- Mechanical properties of fluids
- Moving charges and magnetism
- Electric charges and fields
- Electrostatic potential and capacitance
- Electromagnetic induction
- Current electricity
- Magnetism and Matter
- Dual nature of radiation and matter
- Alternating current
- Atoms
- Electromagnetic waves
- Semiconductor electronics
- Waves
- The s – block elements
- Communication systems
- Organic chemistry-some basic principles and techniques and hydrocarbons

## **Bihar Staff Selection Commission (BSSC) Syllabus**

- P-block elements – group 14 (carbon family)
- Solutions
- Surface chemistry
- Thermodynamics
- Chemical equilibrium and acids-bases
- Hydrogen and its Compounds
- Atomic structure
- D and f block elements & coordination compounds
- Classification of elements and periodicity in properties
- Environmental chemistry
- Biomolecules
- Solid state
- States of matter: gasses and liquids
- Chemistry in everyday life
- Stoichiometry
- General principles of metallurgy
- Organic compounds containing c, h, and o
- P- block elements group 13 (boron family)
- P-block elements
- Chemical bonding and molecular structure
- Electrochemistry and chemical kinetics
- Haloalkanes and Haloarenes
- Polymers

## **बिहार कर्मचारी चयन आयोग Mathematics Syllabus**

- Sequences and Series
- Trigonometry
- Matrices
- Determinants
- Definite Integrals
- Sets and Set Theory
- Probability Function
- Limits and Continuity
- Applications of Derivatives
- Indefinite Integrals Binomial Theorem
- Cartesian System of Rectangular Coordinates
- Statistics
- Differentiation
- Introduction to Three Dimensional Geometry
- Straight Lines
- Circles
- Conic Sections
- Permutations and Combinations
- Vectors
- Relations and Functions

## **Bihar Staff Selection Commission (BSSC) Syllabus**

- Logarithms
- Complex Numbers
- Quadratic Equations
- Exponential and Logarithmic Series