

## Bihar Police Sub Inspector Exam Pattern

### Preliminary Examination

Type Of Exam	Subject Names	Maximum Questions	Total Marks	Time Duration
Objective Type	General Knowledge & Current Events	100	200	2 Hours

### Mains Exam

Paper Name	Subject	Number Of Questions	Maximum Marks	Time Duration	Type Of Exam
Paper I	General Hindi	100	200	2 Hours	
Paper-II	General Studies, General Science, Civics, Indian History, Geography of India, Mathematics and Mental Ability Test	100	200	2 Hours	Objective Type
	Total	200 Questions	400 Marks	4 Hours	

### Bihar Police Sub Inspector Syllabus - Topic Wise

#### General Hindi

- संधि और संधि विच्छेद
- सामासिक पदों की रचना और समास विग्रह
- उपसर्ग

- प्रत्यय
- पर्यायवाची शब्द
- विपरीतार्थक (विलोम) शब्द
- अनेकार्थक शब्द
- शब्द-युग्म
- संज्ञा शब्दों से विशेषण बनाना
- शब्द-शुद्धि: अशुद्ध शब्दों का शुद्धिकरण और शब्दगत अशुद्धि का कारण
- वाक्य-शुद्धि: अशुद्ध वाक्यों का शुद्धिकरण और वाक्यगत अशुद्धि का कारण
- वाच्य: कर्तृवाच्य, कर्मवाच्य और भाववाच्य प्रयोग
- क्रिया: सकर्मक, अकर्मक और पूर्वकालिक क्रियाएँ
- वाक्यांश के लिए एक सार्थक शब्द
- मुहावरे और लोकोक्तियाँ
- अंग्रेजी के पारिभाषिक (तकनीकी) शब्दों के समानार्थक हिंदी शब्द
- सरल, संयुक्त और मिश्र अंग्रेजी वाक्यों का हिंदी में रूपांतरण और हिंदी वाक्यों का अंग्रेजी में रूपांतरण
- कार्यालयी पत्रों से संबंधित ज्ञान

### **General Knowledge & Current Affairs**

- Current Events
- Sports : championships/ Winners/ Terms /No. of Players
- Defence, Wars, and Neighbours
- Important National Facts about India (Monuments, Eminent Personalities, Common Names, Full forms and Abbreviations, Discoveries, Diseases and Nutrition, Award and Authors, etc.)
- Culture and Religion
- Heritage and Arts etc.

### **General Studies**

- Geography
- Indian History
- Indian Polity
- Economy
- Banking

### **History**

- The First Empire.

- Contacts with Distant lands.
- Political Developments.
- Culture and Science.
- New Kings and Kingdoms.
- Sultans of Delhi.
- Architecture
- Creation of an Empire.
- Social Change.
- Regional Cultures.
- The Establishment of Company Power.
- Rural Life and Society.
- Colonialism and Tribal Societies.
- The Revolt of 1857-58.
- Women and reform.
- Challenging the Caste System.
- The Nationalist Movement.
- India After Independence

### **Geography, Civics**

- Geography as a social study and as a science.
- Planet: Earth in the solar system.
- Air
- The environment in its totality: natural and human environment.
- Water
- Human Environment: settlement, transport, and communication.
- Resources: Types- Natural and Human.
- Agriculture

### **General Science**

#### **A) Physics**

- Electrostatics
- Current Electricity
- Magnetic Effect of Current & Magnetism
- Electromagnetic Induction & Alternating Current
- Electromagnetic Waves
- Optics
- Dual Nature of Matter
- Atoms & Nuclei
- Electronic Devices
- Communication Systems

#### **B) Chemistry**

- Nature of Matter
- Structure of Atom
- Oxidation and Reduction
- Chemical Bond
- Chemical Reactions
- Fuel
- Metals and Non-Metals
- Carbon and its compound
- Solution

#### C) Botany

- Ways of Life
- Organization in the living world
- Life processes
- Food production & management of food resources
- Health
- Biosphere etc.

#### Mathematics

- Number System.
- Whole Numbers.
- Negative Numbers and Integers.
- Fractions Exponents
- Cube root Profit & Loss.
- Compound Interest Discount.
- Introduction to Algebra
- Introduction to Algebra.
- Ratio and Proportion.
- Basic geometrical ideas (2-D).
- Understanding Elementary Shapes.
- Quadrilateral
- Symmetry
- Construction
- Mensuration
- Data handling, statistics

#### Mental Ability Test

- Analogies
- Problem-solving
- Similarities and differences
- Discriminating observation

- Decision making
- Relationship concepts
- Visual memory
- space visualization
- Analysis, judgment
- Verbal and figure classification
- Arithmetical number series
- Non-verbal series etc

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