

# Delhi Police Head Constable (AWO/TPO) Syllabus 2022

The **Delhi Police Head AWO/TPO Constable Syllabus 2022** is your roadmap to success in the upcoming exam. This comprehensive syllabus is meticulously divided into four subjects, ensuring a thorough preparation strategy. In **Numerical Ability**, topics range from Number Systems to Time and Work, while **Reasoning** covers Analogies, Non-Verbal Series, and more. **General Awareness/General Science** explores Economics, Culture, and Polity, offering a holistic view. The **Computer section** delves into Fundamentals, MS Excel, and Internet essentials. With a focus on clarity and depth, this syllabus equips you with the knowledge needed to tackle the exam confidently. Best of luck on your learning journey!

## **1. Computer Based Examination Structure**

- Part-A: General Awareness | 20 | 20
- Part-B: General Science | 25 | 25
- Part-C: Mathematics | 25 | 25
- Part-D: Reasoning | 20 | 20
- Part-E: Computer Fundamentals, MS Excel, MS Word, Communication, Internet, WWW, and Web Browsers | 10 | 10
- Total | 100 | 100

## **2. General Awareness**

- Purpose: Test the candidate's general awareness of the environment and its application to society. Focuses on current events, matters of everyday observation, and knowledge in various fields including:
  - History
  - Culture
  - Geography
  - Indian Economy
  - General Polity
  - Indian Constitution
  - Scientific Research

## **3. General Science**

- Physics: Thermodynamics, Mechanics, Newton's Law of Motion, Gravity, Motion, Pressure, Units of Measurements, Sound, Heat & Temperature, Electronics, Magnetism, Ohm's Law, Number Systems, Fiber Optics, Communication Modes, etc.
- Chemistry: Chemistry of Everyday Life, Commonly Used Chemicals, Important Catalysts, Reactions, Commercial Applications of Chemicals, Acidic and Basic Solutions, Atomic Numbers, Elements and their Symbols, Electrochemistry, etc.

## **4. Mathematics**

- Number Systems
- Ratio and Proportion
- Percentages

- Averages
- Simple and Compound Interest
- Profit, Loss & Discount
- Time, Distance & Work
- Algebra (Equations, Surds, Indices, Graphs)
- Geometry
- Mensuration
- Trigonometry
- Data Interpretation
- Sequence & Series
- Permutation & Combination
- Simplification

## **5. Reasoning**

- Non-Verbal Reasoning (Figures)
- Analogy
- Alphanumeric Series
- Number Series
- Critical Thinking
- Coding and Decoding
- Logical Reasoning
- Input-Output
- Blood Relations
- Syllogisms
- Tables
- Directions/Ranking Test
- Venn Diagrams
- Seating Arrangement
- Coded Inequalities
- Data Sufficiency

## **6. Computer Fundamentals, MS Excel, MS Word, Communication, Internet, WWW, and Web Browsers**

- Elements of Word Processing: Basics of word processing, opening and closing documents, creating text, formatting text, presentation features.
- MS Excel: Elements of spreadsheet, editing cells, functions, formulas.
- Communication: Basics of e-mail, sending/receiving emails, related functions.
- Internet, WWW, and Web Browsers: Internet services, URL, HTTP, FTP, Websites, Blogs, Web Browsing Software, Search Engines, Chat, Video conferencing, e-Banking.

## 7. Computer Based Examination Guidelines

- Objective Type: Multiple-choice questions
- Normalization of Marks: Using the formula published by the Commission
- Answer Key: Tentative answer keys will be published; candidates can submit representations with a fee.

## 8. Physical Endurance & Measurement Tests (PE&MT)

### A) Male Candidates (Including Ex-servicemen and Departmental Candidates)

- Upto 30 Years: 1600m race in 7 minutes, Long Jump: 12½ feet, High Jump: 3½ feet.
- 30-40 Years: 1600m race in 8 minutes, Long Jump: 11½ feet, High Jump: 3¼ feet.
- Above 40 Years: 1600m race in 9 minutes, Long Jump: 10½ feet, High Jump: 3 feet.

### B) Female Candidates (Including Departmental Candidates and Widows/Divorced/Judicially Separated Women Candidates)

- Upto 30 Years: 800m race in 5 minutes, Long Jump: 9 feet, High Jump: 3 feet.
- 30-40 Years: 800m race in 6 minutes, Long Jump: 8 feet, High Jump: 2½ feet.
- Above 40 Years: 800m race in 7 minutes, Long Jump: 7 feet, High Jump: 2¼ feet.

## 9. Physical Measurement

- Male Candidates:
  - Height: 170 cms (Relaxable by 5 cms for residents of hill areas and Delhi Police personnel's sons).
  - Chest: Minimum 81-85 cms (4 cms expansion).
- Female Candidates:
  - Height: 157 cms (Relaxable by 5 cms for residents of hill areas and Delhi Police personnel's daughters).

## 10. Medical Standards

- Candidates should be in sound health, free from disease, defect, or deformity.
- Vision: 6/6 in better eye, 6/36 in worse eye (correctable to 6/9 or 6/12).

## 11. Trade Test (Qualifying)

- Candidates must appear for the Trade Test (Reading & Dictation) to assess their capability to transmit and receive messages.
  - Dictation: Hindi and English; mistakes greater than 50% result in disqualification.
  - Reading Test: Candidates must read a passage both in Hindi and English.

## 12. Test of Proficiency in Computer Operation (Qualifying)

- English Word Processing Speed Test: 1000 key depressions in 15 minutes.
- Basic Computer Functions: MS Word, MS Excel, and MS PowerPoint.
  - MS Word: Text formatting (underline, font style, font size).
  - MS Excel: Merge cells, font styles, font colors.
  - MS PowerPoint: Insert text boxes, images, and slides.