15   Scheme of Examination/Mode of Recruitment:

The selection process shall consist of the following compulsory tests in the given order:-

Sl. No.	Tests/Exams	Maximum Marks/Qualifying
(i)	Computer Based Examination by SSC	100 Marks
(ii)	Physical Endurance & Measurement Tests (PE&MT) by Delhi Police	Qualifying
(iii)	Typing Test on Computer by Delhi Police	25 Marks
(iv)	Computer (Formatting) Test by Delhi Police	Qualifying

All candidates (Male & Female) shall be put through a Computer Based Examination of one and half hour **(90 Minutes)** duration to be conducted atdifferent Centres.

The Computer Based Examination will consist of one objective type paper containing **100 Questions** carrying **100 marks.**

There will be **negative marking** of 0.50 marks for each wrong answer.

The question paper for Computer Based Examination will cover the following subjects and will be conducted in **HINDI and ENGLISH Only**:-

Subject		No. of Questions	Max. Marks
Part-A	General Awareness	20	20
Part-B	Quantitative Aptitude (Basic Arithmetic Skill)	20	20

Part-C	General Intelligence	25	25
Part-D	English Language (Basic Knowledge)	25	25
Part-E	Computer Fundamentals, MS Excel, MS Word, Communication, Internet, WWW and Web Browsers etc.	10	10
Total		**100**	**100**

16 **Indicative Syllabus for the Computer Based Examination**:

(A) **General Awareness:** Questions will be designed to test the candidate's general awareness of the environment around him/her and its application to society. Questions will also be designed to test knowledge of current events and of such matters of everyday observation and experience in their scientific aspect as may be expected of an educated person. The test will also include questions relating to India and its neighboring countries especially pertaining to History, Culture, Geography, Indian Economy, General Polity, Indian Constitution, Scientific Research.

(B) **Quantitative Aptitude:** Computation of Whole Number, Decimal and Fractions, Relationship between numbers, Percentages, Ratio and Proportion, Square roots, Averages, Interest (Simple and Compound), Profit and Loss, Discount, Partnership Business, Mixture and Alligation, Time and distance, Time and work, Basic algebraic identities of School Algebra and Elementary surds (simple problems) and Graphs of Linear Equations, Triangle and its various kinds of centres, Congruence and similarity of triangles, Circle and its chords, tangents, angles subtended by chords of a circle, common tangents to two or more circles, Triangle, Quadrilaterals, Regular Polygons, Circle, Right Prism, Right Circular Cone, Right Circular Cylinder, Sphere, Hemispheres, Rectangular Parallelepiped, Regular Right Pyramid with triangular or square Base, Trigonometry, Trigonometric ratios, Degree and Radian Measures, Standard Identities, Complementary angles, Heights and distances, Histogram, Frequency polygon, Bar-diagram, Pie-chart.

(C) **General Intelligence:** It would include questions of both verbal and non-verbal type. This component may include questions on analogies, similarities and differences, space visualization, spatial orientation, problem solving analysis, judgment, decision making, visual memory, discrimination, observation, relationship concepts, arithmetical reasoning and figural classification, arithmetic number series, non-verbal series, coding and decoding, statement conclusion, syllogistic reasoning. The topics are Semantic Analogy, Symbolic/Number Analogy, Figural Analogy, Semantic Classification, Symbolic/Number Classification, Figural Classification, Semantic Series, Number Series, Figural Series, Problem Solving, Word Building, Coding and de-coding, Numerical Operations, Symbolic Operations, Trends, Space Orientation, Space Visualization, Venn Diagrams, Drawing inferences, Punched hole/pattern-folding & un-folding, Figural Pattern-folding and completion, Indexing Address matching, Date & city matching, Classification of centre codes/roll numbers, Small & Capital letters/ numbers coding, decoding and classification, Embedded Figures, Critical thinking, Emotional Intelligence, Social Intelligence, Other sub-topics, if any.

(D) **English Language**: Spot the Error, Fill in the Blanks, Synonyms/ Homonyms, Antonyms, Spellings/ Detecting mis-spelt words, Idioms & Phrases, One word substitution, Improvement of Sentences, Active/ Passive Voice of Verbs, Conversion into Direct/ Indirect narration, Shuffling of Sentence parts, Shuffling of Sentences in a passage, Cloze Passage, Comprehension Passage.

(E) **Computer Fundamentals, MS Excel, MS Word, Communication, Internet, WWW and Web Browsers etc.**

This paper will include questions on the following:

1. Elements of Word Processing (Word Processing Basics, Opening and closing Documents, Text Creation, Formatting the Text and its presentation features).

2. MS Excel (Elements of Spread Sheet, Editing of Cells, Function and Formulas)

3. Communication (Basics of E-mail, Sending/receiving of Emails and its related functions)

4. Internet, WWW and Web Browsers (Internet, Services on Internet, URL, HTTP, FTP, Web sites, Blogs, Web Browsing Software, Search Engines, Chat, Video conferencing, e-Banking) etc.

17. **Declaration of the result of computer based examination for appearing in PE&MT:**

The result of the Computer Based Examination shall be declared by SSC.

The candidates who come within the range of merit of Computer Based Examination equal to twenty (20) times the number of vacancies advertised in each category i.e., General/SC/ST/OBC/EWSs and Ex-serviceman (category-wise) shall be called for appearing in the PE&MT. In case there are a large number of candidates on cutoff marks, all candidates on that cutoff for the relevant category will be called for the PE&MT.

Persons with Disabilities (PwD) shall be qualified in Computer Based Examination 20 times of the number of vacancies, directly for Typing Test on Computer as they are exempted from Physical Endurance & Measurement Tests (PE&MT).

The candidates of General/EWS Category securing 40% marks, SC/ST/OBC candidates securing 35% marks, Persons with Disabilities (PwD)/ Ex-servicemen securing 30% marks in aggregate, in the above Computer Based Examination, may be considered to have qualified in the test. In case requisite number of candidates have not qualified, the SSC may lower the minimum marks secured in aggregate for each category separately.