

विषय-सूची

● गत वर्षों के प्रश्न-पत्र—हल सहित

भाग—I

सामान्य जानकारी1-32

— भारतीय इतिहास एवं संस्कृति	3
— भारतीय राजव्यवस्था	7
— भारत का भूगोल	12
— भारतीय अर्थव्यवस्था	16
— संयुक्त राष्ट्र संघ	20
— खेलकूद	22
— पुरस्कार	25
— पुस्तकें एवं लेखक	27
— समसामयिक मुद्दे	29

राष्ट्रीय-अन्तर्राष्ट्रीय घटनाक्रम.....1-12

सामान्य विज्ञान1-16

भाग—II

सामान्य बुद्धिमत्ता एवं तर्कशक्ति1-72

❖ सम्बन्ध अथवा सादृश्य परीक्षा.....	3
❖ विजातीय छॉटना.....	13
❖ क्रम परीक्षा	18
❖ सांकेतिक भाषा परीक्षा	25
❖ दिशा सम्बन्धी परीक्षा	36
❖ रिश्ता सम्बन्धी परीक्षा	41
❖ कथन की सत्यता की पुष्टि	43
❖ छिपा हुआ चित्र ज्ञात करना.....	46
❖ क्रम में व्यवस्थित करना	48
❖ अक्षर सम्बन्धी प्रश्न	50
❖ समय सम्बन्धी प्रश्न.....	53
❖ वैन आकृति तथा चार्ट सम्बन्धी प्रश्न.....	56

❖ आकृति को पूरा करना.....	61
❖ नियम सम्बन्धी प्रश्न.....	63
❖ दर्पण प्रतिबिम्ब सम्बन्धी प्रश्न	65
❖ समान गुणों वाली आकृतियों का वर्गीकरण	67
❖ अवयव सम्बन्धी प्रश्न	69
❖ गणितीय चिह्नों के कल्पित मान सम्बन्धी प्रश्न	70
❖ विश्लेषणात्मक तर्कशक्ति	1
❖ कथन एवं निष्कर्ष.....	8
❖ कथन एवं पूर्वधारणा	16
❖ कथन एवं तर्क.....	23
❖ घटना-कारण एवं प्रभाव	28
❖ निर्णय निर्धारण	31
❖ न्याय निगमन	40
❖ कागज मोड़ना एवं काटना	52
❖ लिपिकीय प्रकार के प्रश्न	1-20

भाग—III

संख्यात्मक अभियोग्यता 1-192

❖ संख्याएँ.....	3-7
❖ महत्तम समापवर्तक एवं लघुतम समापवर्त्य.....	8-11
❖ भिन्न	12-16
❖ सरलीकरण	17-20
❖ ऐकिक नियम	21-24
❖ प्रतिशत.....	25-30
❖ काम तथा समय.....	31-35
❖ समय तथा दूरी एवं रेलगाड़ी सम्बन्धी प्रश्न	36-41

❖ अनुपात, समानुपात एवं समानुपाती भाग	42-46
❖ वर्गमूल तथा घनमूल	47-50
❖ औसत	51-55
❖ लाभ एवं हानि	56-62
❖ साधारण ब्याज	63-67
❖ चक्रवृद्धि ब्याज	68-73
❖ क्षेत्रफल	74-80
❖ घनाभ एवं घन	81-84
❖ बेलन एवं शंकु	85-89
❖ गोला	90-93
❖ समकों की व्याख्या	94-104
❖ साझा	105-108
❖ मिश्रण	109-113

बीजगणित

❖ सरल सूत्र एवं उनके प्रयोग	114-116
❖ संख्या पद्धति	117-119
❖ घातांक के नियम और उनका प्रयोग	120-123
❖ लघुगणक एवं उसका प्रयोग	124-128
❖ गुणनखण्ड	129-132
❖ लघुतम समापवर्त्य एवं महत्तम समापवर्तक	133-135
❖ द्विघात बहुपद तथा द्विघात समीकरण	136-140
❖ युगपत समीकरण एवं इबारती प्रश्न	141-144
❖ समुच्चय सिद्धान्त	145-148
❖ प्रतिचित्रण (Mapping)	149-151

त्रिकोणमिति (Trigonometry)

❖ वृत्तीय माप-रेडियन तथा त्रिकोणमितीय अनुपात ...	152-155
❖ दो कोणों के योग तथा अन्तर के त्रिकोणमितीय अनुपात	156-158
❖ बहुल और अपवर्तक कोणों के त्रिकोणमितीय अनुपात	159-162

❖ योगफलों और गुणनफलों का रूपान्तरण	163-164
❖ ऊँचाई और दूरी	165-167

ज्यामिति (Geometry)

❖ बिन्दु-पथ, पाइथागोरस प्रमेय तथा उसका प्रयोग ..	168-171
❖ वृत्त, वृत्त की स्पर्श रेखा तथा चक्रीय चतुर्भुज	172-175
❖ एकान्तर वृत्तखण्ड के कोण, वृत्त की जीवाओं के खण्डों तथा समानुपात सम्बन्धी प्रमेय	176-180

मैन्सुरेशन (Mensuration)

❖ घन, आयतफलकी तथा लम्ब प्रिज्म	181-183
❖ सूची स्तम्भ तथा लम्बवृत्तीय बेलन	184-187
❖ लम्बवृत्तीय शंकु, गोला तथा शंकु छिन्नक	188-192

भाग-IV

English Language and Comprehension 1-120

1. Spotting Error with Grammar	2-37
2. Reading Comprehension/Unseen Passages ..	38-48
3. The Cloze Test	49-53
4. Antonyms	54-58
5. Synonyms	59-63
6. One Word Substitution	64-67
7. Correct and Wrongly Spelt Words	68-74
8. Active and Passive Voice	75-85
9. Direct and Indirect Speech	86-97
10. Idioms/Phrases	98-102
11. Replacement of Phrase	103-108
12. Sentence Completion with one or two Blank	109-113
13. Ordering of Words and Sentence	114-120

Important Information Regarding Examination

● SUB-INSPECTOR (GD) IN CAPFs

The post carries pay scale of Level-6 (₹ 35,400-1,12,400) and is classified as Group 'B' (Non-Gazetted), Non-Ministerial.

● SUB-INSPECTOR (EXECUTIVE) (MALE/FEMALE) IN DELHI POLICE

The post carries pay scale of Level-6 (₹ 35,400-1,12,400) and is classified as **Group 'C' by Delhi Police.**

● AGE LIMIT

For the post of **Sub-Inspector in Delhi Police, CAPFs and Assistant Sub-Inspector in CISF** is 20–25 years. (Upper Age limit will be relaxable as per government rules.)

● EDUCATIONAL QUALIFICATIONS

(A) Educational Qualification for all posts is Bachelor's Degree from a recognized University or equivalent.

Note-I : **For the Post of Sub-Inspector in Delhi Police only**—Male candidates must possess a valid Driving License for LMV (Motor cycle and Car) on the date fixed for Physical Endurance and Measurement Tests. However, the candidate who do not have a valid Driving License for LMV (Motor Cycle & Car) are eligible for all other posts in CAPFs.

Note-II : As per Ministry of Human Resource Development Notification dated 10.6.2015 published in Gazette of India all the degrees/diplomas/certificates awarded through Open and Distance Learning mode of education by the Universities established by an Act of Parliament or State Legislature, Institutions Deemed to be Universities under Section 3 of the University Grants Commission Act 1956 and Institutions of National Importance declared under an Act of Parliament stand automatically recognized for the purpose of employment to posts and services under the Central Government provided they have been approved by the Distance Education Bureau, University Grants Commission. Accordingly, unless such degrees are recognized for the relevant period when the candidates acquired the qualification, they will not be accepted for the purpose of Educational Qualification.

Note-III : Candidates who have not acquired but will acquire the educational qualification, and produce the documentary evidence from the Board/University in support thereof, as on stipulated date will also be eligible.

Note-IV : All candidates who are declared qualified by the Commission in Computer Base Examinations, Physical Endurance Test (PET)/Physical Standard Test (PST) and Medical Examinations will be required to produce all relevant Certificates in original such as Mark sheets/Provisional Degree/Diploma/Certificate as proof of having acquired the minimum educational qualification (EQs) on or before the prescribed date failing which the candidature of such candidates will be cancelled by the Commission. The candidates who are able to prove by documentary evidence that the result of the qualifying examination was declared on or before the cut off date and he/she has been declared passed will also be considered to have the required educational qualification.

● SCHEME OF EXAMINATION

The examination will consist of Paper-I, Physical Standard Test (PST)/Physical Endurance Test (PET), Paper-II and Detailed Medical Examination (DME). All these stages of the examination are mandatory. Detail of these Papers/Tests are as follows :

Paper-I

	Subject	No. of Questions	Maximum Marks	Duration/Time Allowed
Part-I	General Intelligence and Reasoning	50	50	2 hours
Part-II	General Knowledge and General Awareness	50	50	
Part-III	Quantitative Aptitude	50	50	
Part-IV	English Comprehension	50	50	

Paper-II

Subject	Maximum Marks/Questions	Duration and Timing
English Language and Comprehension	200 Marks/200 Questions	2 hours

Questions in both papers will be of **Objective Multiple Choice Type. Questions** will be set in Hindi and English in Parts I, II and III of Paper-I.

There will be negative marking of 0-25 marks for each wrong answer in Paper-I & Paper-II. Candidates are, therefore, advised to keep this in mind while answering the questions.

Marks scored by candidates in Computer Based Examination will be normalized by using the formula published by the Commission through Notice No. 1-1/2018-P&P-I dated 07-02-2019 and such normalized scores will be used to determine final merit and cut off marks.

Tentative Answer Keys will be placed on the Commission's website after the Examination. Candidates may go through the Answer Keys and submit representations, if any within the time limit given by the Commission through online modality only, on payment of Rs. 100/- per question which is non-refundable. Any representation regarding Answer Keys received within the time limit fixed by the Commission at the time of uploading of the Answer Keys will be scrutinized before finalizing the Answer Keys and the decision of the Commission in this regard will be final. No representation regarding Answer Keys shall be entertained later.

● **INDICATIVE SYLLABUS (For Computer Based Mode Examination)**

Paper-I

- (A) **General Intelligence and Reasoning** : 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, judgement, 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 etc. 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 and unfolding, Figural Pattern—folding and completion, Indexing, Address matching, Date and City matching, Classification of centre codes/roll numbers, Small and Capital letters/numbers coding, decoding and classification, Embedded Figures, Critical thinking, Emotional intelligence, Social Intelligence, etc.
- (B) **General Knowledge and General Awareness** : Questions in this component will be aimed at testing the candidates general awareness of the environment around him and its application to society. Questions will also be designed to test knowledge of current events and of such matters of everyday observations and experience in their scientific aspect as may be expected of any educated person. The test will also include questions relating to India and its neighbouring countries especially pertaining History, Culture, Geography, Economic Scene, General Policy, Indian Constitution and Scientific Research etc.
- (C) **Quantitative Aptitude** : The questions will be designed to test the ability of appropriate use of numbers and number sense of the candidate. The scope of the test will be computation of whole numbers, decimals, fractions and relationships between numbers, Percentage, Ratio and Proportion, Square roots, Averages, Interest, Profit and Loss, Discount, Partnership Business, Mixture and Alligation, Time and Distance, Time and Work, Basic algebraic identities of School Algebra and Elementary surds, 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, Trigonometric ratio, Degree and Radian Measures, Standard Identities, Complementary angles, Heights and Distances, Histogram, Frequency Polygon, Bar diagram and Pie chart.

- (D) **English Comprehension** : Candidates' ability to understand correct English, his basic comprehension and writing ability, etc., would be tested.

Paper-II : English Language & Comprehension

Questions in this component will be designed to test the candidate's understanding and knowledge of English Language and will be based on error recognition, fill in the blanks (using verbs, preposition, articles etc.), Vocabulary, Spellings, Grammar, Sentence Structure, Synonyms, Antonyms, Sentence Completion, Phrases and Idiomatic use of Words, Comprehension etc.

- **PHYSICAL STANDARD TEST (PST)/PHYSICAL ENDURANCE TEST (PET) is MANDATORY FOR ALL THE POSTS**
- **(A) PHYSICAL STANDARD TEST**

For All Posts :

Category of Candidates	Height (in cms)	Chest (in cms)	
		Unexpanded	Expanded
(i) For Male candidates only			
GENERAL	170	80	85
For candidates belonging to Hill areas of Garhwal, Kumaon, Himachal Pradesh, Gorkhas, Dogras, Marathas, Kashmir Valley, Leh & Ladakh regions of J & K, North-Eastern States and Sikkim.	165	80	85
For all candidates belonging to Scheduled Tribes.	162.5	77	82
(ii) For Female candidates only			
GENERAL	157	—	—
For candidates belonging to Hill areas of Garhwal, Kumaon, Himachal Pradesh, Gorkhas, Dogras, Marathas, Kashmir Valley, Leh & Ladakh regions of J & K, North-Eastern States and Sikkim.	155	—	—
For all candidates belonging to Scheduled Tribes.	154	—	—

Physical Endurance Test (PET) (For all posts)

For Male candidates only	For Female candidates only
(a) 100 metres race in 16 seconds	(a) 100 metres race in 18 seconds
(b) 1.6 km race in 6.5 minutes	(b) 800 metres race in 4 minutes
(c) Long Jump : 3.65 metres in 3 chances	(c) Long Jump : 2.7 metres (9 feet) in 3 chances
(d) High Jump : 1.2 metres in 3 chances	(d) High Jump : 0.9 metres (3 feet) in 3 chances
(e) Shot put (16 Lbs) : 4.5 metres in 3 chances	

NOTE :

1. There shall be **no** minimum requirement of chest measurement for Female candidates.
2. Relaxation in height and chest (as the case may be) as mentioned above will be permissible **only on production of certificate in the proforma as prescribed in the advertisement** from the competent authorities of the District where they ordinarily reside(s).

3. **“The relaxation in physical standards (height/chest) once granted at the time of initial appointment in Delhi Police will hold good till the individual concerned remains in Delhi Police.”**
4. Those candidates who are declared not qualified in Physical Standards, *i.e.*, height and chest, may prefer an appeal, if they so desire, to the appellate authority present on the PET/PST ground. The decision of the appellate authority will be final and no further appeal or representation in this regard will be entertained.
5. PST/PET will not carry any marks but will be of qualifying nature/elimination nature.

(B) **Weight :** Corresponding to height for all posts.

(C) **Medical Standard (For all posts) :**

Medical Examination : All the candidates who qualify in Paper-II will be medically examined by the Medical Officer of the CAPFs or any other Medical Officer or Assistant Surgeon belonging to Grade I of any Central/State Govt. Hospital or Dispensary. Candidates who are found to be unfit, will be informed of the position and **they can make an appeal before Review Medical Board within the prescribed time limit of 15 days.** Decision of Re-Medical Board/Review Medical Board will be final and no appeal/representation against the decision of the Re-Medical Board/Review Medical Board will be entertained.

Eye Sight :

The minimum near vision should be N6 (better eye) and N9 (worse eye). The minimum distant vision should be 6/6 (better eye) and 6/9 (worse eye) of both eyes without any correction like wearing of glasses or surgery of any kind to improve vision acuity. In right handed person, the right eye is better eye and vice versa.

The candidate must **not have knock knee, flat foot, varicose vein or squint in eyes and they should pass high colour vision.** They must be in **good mental and bodily health and free from** any physical defect likely to interfere with the efficient performance of the duties.

Finally selected candidates for the posts of Sub-Inspector would, as part of training curriculum, have to pass seven obstacle events as mentioned below, failing which they may not be retained in the force.

- (i) Jumping over the Vertical Board;
- (ii) Holding the rope on jumping from the Board;
- (iii) Tarzan Swing;
- (iv) Jumping on the Horizontal Board;
- (v) Parallel Rope;
- (vi) Monkey Crawl;
- (vii) Vertical Rope.

Tattoo : Tattoos will be allowed as per following stipulations only :

- (i) **Content :** Tattoo depicting religious symbol or figures and the name, as followed in Indian Army are permitted.
- (ii) **Location :** Tattoos marked on traditional sites of the body like inner aspect of forearm but only left forearm, being non saluting limb or dorsum of the hands are to be allowed.
- (iii) **Size :** Size must be less than 1/4 of the particular part (Elbow or Hand) of the body.

● **MODE OF SELECTION**

- (i) All candidates who register themselves in response to this advertisement by the closing date and time and whose applications are found to be in order and are provisionally accepted by the Commission as per the terms and conditions of the Notice of Examination, will be assigned Roll numbers and issued Admission Certificate (AC) for appearing in the Computer Based Examination (Paper-I).
- (ii) Admission Certificates for all stages of examination will be issued online on the websites of concerned Regional/Sub-Regional Office of the Commission. Candidates are therefore advised to regularly visit the websites of the Commission Headquarters (*i.e.*, <https://ssc.nic.in>) and concerned Regional/Sub-Regional Office of the Commission under whose jurisdiction the examination centres opted by the candidate are located.

- (iii) On the basis of their performance in Paper-I (including bonus marks in case of NCC certificate), candidates will be shortlisted for appearing in PET/PST Examination. The Commission shall have the discretion to fix different minimum cut-off marks in each part of Paper-I taking into consideration among others, category-wise vacancies and category-wise number of candidates.
- (iv) Only those candidates who qualified in PET/PST Examination will be allowed to appear in Paper-II Examination. PET/PST are mandatory but qualifying in nature. Ex-Servicemen are not required to undergo PET.
- (v) Minimum qualifying marks in Paper-I and Paper-II (without adding bonus marks to NCC) are as follows :
- UR : 30%
- OBC/EWS : 25%
- All other categories : 20%
- (vi) On the basis of their performance in Paper-I + Paper-II (including bonus marks in case of NCC certificate), candidates will be shortlisted for appearing in Medical Examination.
- (vii) **Preference for posts :** The candidates shall be required to indicate their preference of post(s)/force(s) for which they would like to be considered in their order of preference. The details of various posts/forces with their respective codes are as follows :
- * Sub-Inspector in Delhi Police (A)
 - * Sub-Inspector in Border Security Force (B)
 - * Sub-Inspector in Central Industrial Security Force (C)
 - * Sub-Inspector in Central Reserve Police Force (D)
 - * Sub-Inspector in Indo-Tibetan Border Police Force (E)
 - * Sub-Inspector in Sashastra Seema Bal (F)
- (viii) The option for post(s)/force(s) based on the preference once exercised by the candidates will be treated as FINAL and IRREVERSIBLE. Subsequent request for change of Post/Force by candidates shall not be entertained under any circumstances.
- (ix) Candidates shall be considered for selection to only those posts which have been opted by them in their preference. If the candidate has not opted for a Post/Force, he/she shall not be considered for selection to such post irrespective of his/her merit position. Therefore, candidates should exercise due diligence before giving their post-preferences.
- (x) Final selection and allocation of Post/Force will be made on the basis of the performance of candidates in Paper-I and Paper-II (including bonus marks in case of NCC certificate) and the preference of Posts/Forces exercised by them.
- (xi) Once the candidate has been allotted his/her first available preference, as per his/her merit, he/she will not be considered for any other option. Candidates are, therefore, advised to exercise preference of Posts/Force very carefully.
- (xii) SC, ST, OBC, EWS and ESM candidates, who are selected on their own merit without relaxed standards, will not be adjusted against the reserved share of vacancies. Such candidates will be accommodated against the unreserved vacancies in the post as per their position in the overall merit or vacancies earmarked for their category, whichever is advantageous to them. The reserved vacancies will be filled up separately from amongst the eligible SC, ST, OBC, EWS and ESM candidates.
- (xiii) SC, ST, OBC, EWS and ESM candidate, who qualifies on the basis of relaxed standards viz. age limit, experience, qualifications, permitted number of chances, extended zone of consideration etc; irrespective of his/her merit position is to be counted against reserved vacancies and not against un-reserved vacancies. Such candidates may also be recommended at the relaxed standards to the extent of number of vacancies reserved for them, to make up for the deficiency in the reserved quota, irrespective

of their rank in the order of merit. In so far as cases of Ex-Serviceman are concerned, deduction of the military service rendered from the age of Ex-Servicemen is permissible against the reserved or unreserved posts and such exemption will not be termed as relaxed standards in regard to age.

- (xiv) Success in the examination confers no right of appointment unless Government is satisfied after such enquiry as may be considered necessary that the candidate is suitable in all respects for appointment to the service/post.
- (xv) The candidates applying for the examination should ensure that they fulfill all the eligibility conditions for admission to the examination. Their admission at all stages of the examination will be purely provisional, subject to their satisfying the prescribed eligibility conditions. If, on verification, at any time before or after the written examination, it is found that they do not fulfill any of the eligibility conditions, their candidature for the examination will be cancelled.
- (xvi) Candidates, who are appointed on the basis of this examination, shall be on probation for a period of two years and during the period of probation, the candidates would be required to undergo such training or pass such examinations as prescribed by the Controlling Authority. On successful completion of the period of probation, the candidates shall, if considered fit for permanent appointment, be confirmed to their post by the Controlling Authority.
- (xvii) If a candidate scoring more than cut-off marks in any Tier/stage of the examination is not qualified for the subsequent stage/final selection due to any reason, he/she must represent to the concerned Regional/Sub-Regional Office of the Commission within two months of the declaration of the result or two weeks prior to the conduct of next stage of the examination, whichever is earlier.
- (xviii) If a candidate is finally selected and does not receive any correspondence from the Commission or the concerned User Department/Organization within a period of one year from the declaration of final result, he/she must communicate immediately thereafter with the concerned User Department/Organization.
- (xix) All the posts (except SI in Delhi Police) carry All India Service Liability (AISL) *i.e.*, the candidate, on selection, may be asked to serve anywhere in the country.

● RESOLUTION OF TIE CASES

In case where more than one candidate secures the equal aggregates marks, in Paper-I Paper-II, tie will be resolved by applying the following methods one after another—

- (i) Total marks in Paper-II;
 - (ii) Date of birth, with older candidates placed higher;
 - (iii) Alphabetical order of the names of the candidates.
-