

Scheme of Tier-I Examination:

		Paper – I		
Part	Subject	Number of	Maximum	Time Duration
		Questions	Marks	
(A)	General Intelligence and Reasoning	50	50	2 Hours
(B)	General Knowledge and General	50	50	
	Awareness			
(C)	Quantitative Aptitude	50	50	
(D)	English Comprehension	50	50	
Total		200	200	

Scheme of Tier-II Examination:

Paper – II						
Part	Subject	Number of	Maximum	Time Duration		
		Questions	Marks			
(A)	English language & Comprehension	200	200	2 Hours		
Total		200	200			

Note:

- 1. 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.
- 2. There will be negative marking of 0.25 marks for each wrong answer in Paper-I & Paper-II.
- 3. Candidates are, therefore, advised to keep this in mind while answering the questions.

<u>Syllabus</u>

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, 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 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 & 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, 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 every day 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 neighboring countries especially pertaining to History, Culture, Geography, Economic Scene, General Polity, Indian Constitution, 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 & Loss, Discount, Partnership Business, Mixture and Alligation, Time and distance, Time & 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, 14 | P a g e Degree and Radian Measures, Standard Identities, Complementary angles, Heights and Distances, Histogram, Frequency polygon, Bar diagram & Pie chart.

(D) English Comprehension

Reading Comprehension, Grammar, Vocabulary Verbal Ability, Synonyms-Antonyms ,Active and Passive Voice, Para Jumbles, Fill in the Blanks, Error Correction

Paper -II

(D) English Comprehension

Error Recognition, Fill in the Blanks, Vocabulary, Spellings, Grammar, Sentence Structure, Synonyms, Antonyms, Sentence Completion, Idioms and Phrases, Comprehension etc.

