

9(A). **Combined Graduate Level (Tier-I) Examination:** Tier –I of the Combined Graduate level Examination would be common for all categories of posts .

Date of Exam	Part	Subject	Max. Marks/ Questions	Total Duration/ Timing for General candidates	Total Duration/ Timing for visually Handicapped candidates
01.07.2012 & 08.07.2012	A.	General Intelligence & Reasoning	50	2 Hours 10.00 A.M. to 12.00 Noon	2 Hours <b>40 mins</b> 10.00 A.M. to 12.40 PM
	B.	General Awareness	50	<b>OR</b>	<b>OR</b>
	C	Quantitative Aptitude	50		
	D	English Comprehension	50	2.00 P.M. to 4.00 P.M.	2.00 P.M. to 4.40 P.M.

**Note:** If and wherever necessary, the examination will be held in multiple batches.

Questions will be of **Objective Type Multiple Choice**, set both in Hindi and English respect of Parts A, B and C.

### **SYLLABUS**

#### **TIER-I OF THE EXAMINATION :**

- A. General Intelligence & 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 & 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.
- B. 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 neighbouring countries especially pertaining History, Culture, Geography, Economic Scene, General Policy & Scientific Research.

- 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 & Proportion, Square roots, Averages, Interest, Profit and Loss, Discount, Partnership Business, Mixture and Alligation, Time and distance, Time & Work, Basic algebraic identities of School Algebra & 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 & Pie chart
- D. **English Comprehension** : Candidates' ability to understand correct English, his basic comprehension and writing ability, etc. would be tested.

**The questions in Posts A,B & D will be of a level commensurate with the Essential Qualification prescribed for the post viz graduation and questions in Part C will be of 10+2 level.**

**NOTE -1** : Part C (Quantitative Aptitude) of Test booklet for Tier-I and Paper-I (Quantitative Abilities) of Tier-II will contain separate set of Questions for VH candidates only, (who have opted for assistance of scribe) which will not have components of Maps, Graphs, Statistical data, Diagram, Figures, Geometrical problems. However, components of other papers will be the same for other candidates.

**NOTE -2** : The Commission shall have the discretion to fix different minimum qualifying standards in each component of the Tier-I Examination taking into consideration among others, category-wise vacancies and category-wise number of candidates. Only those candidates, who have scored above the cut off marks fixed by the Commission would be required to appear in the Tier -II Examination.

**NOTE -3** : Tier-I examination is used to screen the candidates for appearing in Tier-II examination for various papers which will be specifically required for different groups of posts. However, marks of such screened candidates in Tier-I will be taken into account for final ranking of candidates for selecting them for the interview/skill test and also final selection.