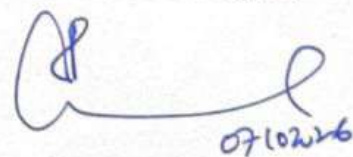


Component	Marks	Sections & Topics
1) Basic Science, Mathematical and Analytical Capability	60	<u>a. Basic Science and Mathematics: (30 marks)</u> Number System, Ratio & Proportions, Averages, Percentages, Profit, Loss & Discounts, Time, Speed, Distance, Power & Work, Algebra, Linear Equations. Arithmetic Progression, LCM, HCF, Geometry and Trigonometry, Area & Volumes, Probability and Statistics (Both only Basic Level). Units, Measurements, Mass Weight and Density, Work Power, Energy, Kinetic Energy, Friction, Speed, Velocity, Relative Velocity, Heat and Temperature, Basic Electricity, Levers and Simple Machines. <u>b. Data Analysis & Interpretation: (30 marks)</u> Multi-source Data Analysis - Examination, analysis and Inference drawing from text, tabular data and data represented graphically (charts, graphs, scatter plot, pie chart, statistical curvedistribution, Venn Diagrams, Data Sufficiency, Data Arrangement.
2. Logical Capability	20	<u>a. Logical Reasoning</u> Binary Logic, Syllogism, Clocks & Calendars, Assumptions, Blood Relations, Family Tree, Solving logic-based puzzles. <u>b. Reading Comprehension</u> <u>Reading Comprehension</u> Passages and Questions would be given in English language from any subjects on History, Society, Literature, Science. Environment, Abstract, Mythology, Technology and Culture and the candidate would be required to understand and answer questions on the – Main idea, Supporting idea, Application, Logical Structure & Style of the given Paragraph.
3. Mental Reasoning	20	Analogy - Identifying relationship between two items and applying it to another pair, Series Completion - Identifying the pattern in a sequence of numbers and predicting the next term, Solving Coding-Decoding type questions, Solving Ranking and Arrangements based problems.

The revised syllabus will be operationalised for Station Master CEN from 2026 cycle.



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