

## SSC MTS Syllabus

### Reasoning Ability:

Chapters	Weightage (No. of Qs)	Approach
Classification	3-4	Number, Letter, GK and Meaningful Words based qs.
Analogy	3-4	Letter, Number, GK, and Meaning based qs.
Coding Decoding	1-2	Questions on Coding by Analogy, Coding and decoding by letter shifting & Coding Letters of a Word. Could also include, Coding and decoding in fictitious language.
Matrix	1	1 or 2 Matrix of letters with numbers are given from which correct set of numbers for given word is to find out.
Word formation	1-2	From the given word find whether the given option words can be formed or not. Most of the time word cannot be formed is asked.
Arranging words in Meaningful order or Dictionary order	1-2	It can be meaningful order of doing a certain task, or following a certain rule. Most Probably dictionary order based problems will be asked in which words are to be arranged according to dictionary sequence in ascending or descending order.
Venn diagram	1-2	Problems based on Venn Diagram, Syllogism, Represent the relation between Student, Teacher and Boys
Directions; Distances	0-1	Simple problems that can be solved by just drawing all information on paper.
Blood Relations	0-1	Family Tree or General Blood Relation Problems.
Missing Number	1-2	Find the missing number from the given matrix or diagram.
Puzzles	1-4	Number based puzzles like $7 \times 5 \times 6 \times 5 = 6575$ , then $8 \times 7 \times 4 \times 6 = ?$ or Find the correct equation type questions or Quant based questions like on age, speed and distance or Seating arrangement questions.
Series	2-4	Mainly questions on Number, Alphabet series. Question Type: Complete the given series a _bc_ _cbad_bcd_cda
Non Verbal Reasoning	4-6	Assemble Image, Mirror Image, Hidden Image, Counting Figures. Figure based Analogy/Classification/Series or cube based ques may be asked.
Verbal Reasoning	0-1	Questions on Statements and Conclusions, Statements and Inferences, Statements and Assumptions, Assertion and Reason. Questions on Course of Action, Statements and Arguments can also be asked.

### Numerical Aptitude:

Topic	No. of Qs	Approach
Simplification	1-2	Questions on BODMAS Rule (calculation based), Fractions, Surds and Indices etc.
Interest	1-3	Problems on Simple & Compound Interests and Instalments
Percentage	1-2	Calculation oriented basic Percentage Problems
Ratio and Proportion	1-2	Problems on Simple, Compound Ratios
Average	1-2	Problems on Average Weight/Height/Marks etc.
Problems on Ages	0-1	Basic Problems on Ages (involving linear equations and ratios)
Speed Time & Distance	2-3	Problems on Average/Relative speeds, Boats, Trains etc.
Profit & Loss	5-7	Problems on Profit/Loss, Dishonest/Successive dealings, Discount, MP, Partnerships, Sales & Tax
Number Series	0-1	Moderate to difficult problems on Completing the series, Finding Missing/ Wrong Term
Number System	0-1	Moderate problems on LCM & HCF, Irrational or Rational Numbers, Divisibility and Remainders
Mensuration	2-3	Problems on 2D as well as 3D Figures such as Square, Rectangle, Circles, Cone, Cylinder, Sphere
DI	2-3	Problems on Bar/Line Graphs, Pie Charts, Tables etc.
Time & Work	1-3	Problems on Work efficiency, Wages, Pipes and cistern.
Mixture problems	0-1	To Make a Mixture From Two Or More Entities/Mixtures
Algebra	1-2	Basic Linear Equations in one or two variables, Quadratic and Algebraic Identities are important. Remember all the identities
Geometry	0-1	Problems related to Triangles congruency, Similarity theorems, Circle chords & tangent theorems, Co-ordinate geometry etc.
Trigonometry	0-1	Problems based on Trigonometric ratios and Identities, Height and Distance etc. Remember all the Trigonometric Identities.

### English Language:

Topic	No. of Qs	Approach
Reading Comprehension	5 (1 passage)	The passage could be on any topic. Questions are mostly fact based & can be directly picked out of the passage. Sometimes vocabulary questions are asked
Fill in the Blanks	10	A mix of grammar and vocabulary based questions. Important topics: Phrasal verbs, conjunctions, prepositions, tenses, usage in context, homonyms
Spellings	6	Choose the correctly spelt word or the misspelt word from different words. The same word can be spelt in different ways and you are asked to select the correct spelling.
Phrase or Idiom Meaning	3	Easy to moderate difficulty level. The meaning of the phrase or idiom can be asked in a sentence. The meaning can also be asked directly.
Synonyms & Antonyms	6	One word given with four options to choose from, Rarely the words can be given in sentences. Prepare a list of commonly asked words to answer this part and score full marks.
One Word Substitution	5	Substitute one word for the phrase given. Go through a list of the one word substitutions from past papers, questions on one word substitution
Phrase Replacement/ Sentence Correction	5	A mix of grammar and vocabulary Based questions Important Topics: Tenses, Subject-Verb Agreement, Article-Noun Agreement, Correct Part of Speech, Correct use of Prepositions, Parallelism, Phrasal Verbs, Sentence Construction, Degree of Comparison, Correct use of different parts of speech,
Error Spotting	10	Grammar based: Tenses, Subject-Verb Agreement, Article-Noun Agreement,

		Correct Part of Speech, Correct use of Prepositions, Parallelism, Phrasal Verbs, Sentence Construction, Degree of Comparison, Correct use of different parts of speech.
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**General Awareness:**

Chapter	Topic	Weightage	Total Weightage
Static	Culture	1-2	20
	Indian History	4-5	
	Geography (Indian + World)	4-5	
	Environment	1-2	
	Economy	2-3	
	Polity	3-4	
Science	Biology	2-3	20
	Chemistry	2-3	
	Physics + Space Science	3-4	
	Computer & Mobile Technology	1-2	
	Diseases, pollution	1-2	
	Nutrition	1-2	
Others	Current Affairs	5-6	10
	Misc. GK- Sports, People In News, Books	2-3	
	Dates, Portfolios, Schemes	1-2	

**SSC MTS Exam Pattern:**

**Paper-I (Online):**

- Paper I consist of General Intelligence & Reasoning, Numerical Aptitude, General English and General Awareness
- The questions asked in the exam will be objective type (Multiple Choice Questions).
- The exam will be of total 100 marks.
- The questions in Paper I will be set in both in English as well as Hindi language.
- There will be negative marking of 0.25 marks for each wrong answer that means there will be additional deduction of 0.25 marks for every wrong answer.
- Duration of the exam is 90 Minutes.
- The timing for visually handicapped cerebral palsy candidates is 120 Minutes.

Subjects	No. Of Questions	Total Duration/ Timing
General Intelligence & Reasoning	25	90 Minutes
Numerical Aptitude	25	
General English	25	
General Awareness	25	

Total	100	
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Paper 2 Descriptive:

- Paper II is descriptive type exam and maximum marks for the exam is 50.
- Duration of the exam is 30 Minutes.

<u>Subject</u>	<u>Maximum Marks</u>	<u>Total Duration/ Timing</u>
Short Essay /Letter in English or any language included in the 8th schedule of the Constitution.	50	30 Minutes