



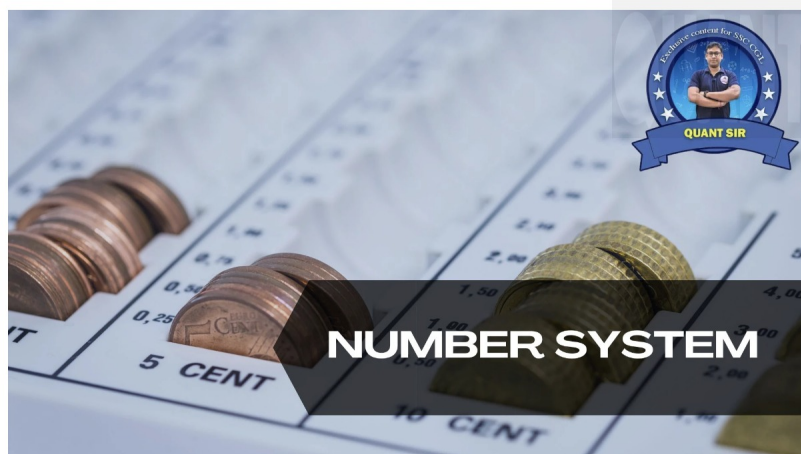
title

Number System questions are a staple in almost every competitive exam, including **SSC CGL**, and typically carry a weightage of 2–3 questions (around 4–6 marks). To secure a good rank, it's essential to have solid practice across a variety of Number System problems. In this blog we'll cover the important points and questions of this topic.

## Here are a few tips for mastering Number System Questions

- Develop a strong understanding of key concepts like prime numbers, factors, multiples, LCM, and HCF.
- Learn and apply divisibility rules to speed up your calculations.
- Approach each question methodically and use elimination strategies for multiple-choice options.
- Regularly solve previous years' papers to get comfortable with the question formats and difficulty levels.

We've provided 10 practice questions on the Number System below. Try to solve each one in under 30 seconds to build speed and accuracy.



## Practice Questions on Number System

Q1. If "x" is a digit such that 46942x is divisible by 11, then the value of x is:

1. 3
2. 1
3. 5
4. 8

(Difficulty: 3 | Estimated Time: 20 seconds)

Q2. Six men start running on a circular track at 4 PM from the same point at speeds of 6, 8, 12, 7, 14, and 10 km/h. If the perimeter of the track is 105 km, when will they meet for the second time at the starting point?



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1. 12 PM
2. 8 PM
3. 12 AM
4. 8 AM

(Difficulty: 3 | Estimated Time: 20 seconds)

Q3. What is the smallest number that must be added to 25272 to make it a perfect square?

1. 8
2. 9
3. 1
4. 81

(Difficulty: 2 | Estimated Time: 10 seconds)

Q4. A number leaves a remainder of 3 when divided by 6. What will be the remainder when its square is divided by 4?

1. 3
2. 1
3. 2
4. 0

(Difficulty: 3 | Estimated Time: 20 seconds)

Q5. The LCM and HCF of two numbers are in the ratio 10:1. If the product of the numbers is 1440, what is the larger number?

1. 60
2. 120
3. 48
4. 240

(Difficulty: 3 | Estimated Time: 20 seconds)

Q6. If 35269N is divisible by 11, what is the possible value of N?

1. 6
2. 3
3. 0
4. 11

(Difficulty: 4 | Estimated Time: 30 seconds)

Q7. Find the sum of the digits in the tens place of all even numbers less than 100.



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1. 225
2. 235
3. 245
4. 250

(Difficulty: 3 | Estimated Time: 20 seconds)

Q8. If the HCF of two numbers is 4 and their product is 224, what is their LCM?

1. 14
2. 28
3. 56
4. 72

(Difficulty: 2 | Estimated Time: 15 seconds)

Q9. If a five-digit number  $a2a5a$  is divisible by 11, then what is the value of  $(a^2 - 2a)$ ?

1. 0
2. 8
3. 15
4. 24

(Difficulty: 3 | Estimated Time: 20 seconds)

Q10. Find the smallest natural number  $Q$  such that it leaves a remainder of 3 when divided by 11 and 4 when divided by 9. What is the remainder when  $Q$  is divided by 7?

1. 2
2. 3
3. 4
4. 5

(Difficulty: 2 | Estimated Time: 15 seconds)

## Number System - Answer Key

1. (3)	2. (4)	3. (3)	4. (2)	5. (1)
6. (2)	7. (1)	8. (3)	9. (4)	10. (1)

## Score Yourself!



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How did you do? Give yourself 1 mark per correct answer:

- 8–10 correct: Excellent! You're well-prepared for the Number System section.
- 5–7 correct: Good job! A bit more practice will get you exam-ready.
- Below 5: No worries—focus on understanding the basics and practicing regularly. We're here to help you master it!

The Number System is a crucial topic in the Quantitative Aptitude section of SSC **CGL** Tier 1, forming the backbone of several other important areas like LCM-HCF, divisibility, and basic arithmetic. This practice set is designed to help you strengthen your core understanding of the Number System.

We hope this blog along with the solutions, serves as a valuable resource in your preparation journey. Keep practicing regularly with our **Topic-wise tests**, **PYQs**, revise concepts thoroughly, and stay tuned with **us** for more exam-oriented materials and strategies!

