CODING NINJAS

Successful registration for

India's No.1

Scholarship Test for coders

Successful registration for India's No.1 Scholarship Test for coders puts you ahead from the rest of the aspiring coders. Now it's your turn to make the best out of this opportunity and get upto 100% Scholarship on 4.8/5 Star rated coding courses.

Here is a quick guide of all the topics to cover in order to ace the upcoming Scholarship Test:

Syllabus

Coding Ninjas Scholarship Test

Coding Ninjas Scholarship Test is conducted to test a candidate's problem-solving ability and how efficiently a student can respond to a task or a situation. The areas that are generally tested in the scholarship test are

Quantitative Aptitude

In this section the candidate is asked MCQ from most of the topics covered in high school and some advanced topics. The various topics from which questions may be asked are Number systems, Averages, Ratio and Proportion, Percentages, Time and distance, probability, geometry, and algebra.

Analytical and Logical Reasoning

This section is asked to test the candidate's logical and analytical ability. The questions are generally asked from Coding-Decoding, Series, Puzzles, Cause and effect, Direction, and Ranking.

Data Interpretation and Data Sufficiency

In the section on Data Interpretation and Sufficiency, Data is presented in the form of a Table chart, bar graph, line graph, etc. The candidate has to go through the questions and solve the question by interpreting the data.

Detailed **Topics**

From which questions might get asked in the upcoming scholarship test

QUANTITATIVE APTITUDE

Number System

Percentage

Ratio and Proportion

Partnership

Profit & Loss

Simple & Compound Interest

Alligation & Mixture

Average

Time & Distance

Time and Work

Mensuration 2D & 3D

Permutation and Combination

Probability

Coordinate Geometry

Inequalities

Functions

Logarithm

Set Theory

Progressions

LOGICAL REASONING

Coding Decoding

Sitting Arrangements

Data sequence/Calendars

Direction Sense Test

Blood Relations

Syllogism

Series

Analogy Classification

Alphabet Test

Clocks

Puzzle Test

Statements and Arguments

Non Verbal Reasoning

Cubs and dice

Sample Aptititude **Questions**

Q1 If 150 men working 8 hours a day take 36 days to harvest 30 fields of 12 acres each, how many men will be needed to harvest 24 fields of 15 acres each in 30 days, working 12 hours a day?

1 130

2 135

3 120

4 125

Q2 Mohan supplies milk to a family. He sells the milk to that family at cost price but mixes some water in the milk and hence he gains 33.33%. The percentage of water present in the mixture is:

1 33.33%

2 25%

3 7%

4 6%

Q3 There are nine slots, where an interview can be scheduled. Nine candidates are to be interviewed and one slot can be assigned to one candidate.
Raman, Naman, and Aman are three of the candidates. In how many ways an interview schedule for all the candidates can be made if three of them are to be interviewed consecutively, such that Naman is interviewed before Raman and Raman is interviewed before Aman.

1 6720

2 30240

3 5040

4 15120

Q4 2 pipes A & B filling a tank. A can fill it in 12 hours and B can fill it in 15 hours. How much time will they take to fill a half filled tank?

1. 2.7 hours
2. 2.8 hours
3. 3 hours
4. 3.33 hours

Q5 An arithmetic progression series of 12 terms with common difference of 'd' and first term =12 is given to you.
Now, if the sum of all the terms is equal to the square of the last term. Then find the value of 'd'.
Note: Don't consider the case where the value of the common difference is zero.
Note: The formula for finding sum of 'n' terms is denoted by Sn and Sn = (n/2) * (2 * a+(n-1) * d).

1. 18/11
2. 9/11
3. -18/11
4. -9/11

Q6 There are 3 taps attached to a tank. Tap A takes 15 hours to fill the tank. Tap B takes 10 hours to fill the tank. Tap C takes 5 hours to empty the tank.
Now, it is given that Tap A was opened at 2 am, Tap B was opened at 1 am, Tap C was opened at 10 am of same day. In how many hours the tank will be emptied, after Tap C is opened?

1. 45
2. 43
3. 44
4. 42

Q7 There are 12 consecutive parking slots available in a hotel parking lot. In how many ways can 4 distinct cars be parked so that at least one parking slot remains vacant between any two cars?

1	3025	2	3024
3	1050	4	1060

Q8 Shubham wanted to multiply a number by 5, but mistakenly he divided the number by 5. What will be the percentage change in the answer due to this mistake?

1	96%	2	98%
3	25%	4	76%

Q9 A manager has given a task to four employees A, B, C, D. The chances of completion of the task on time are ⅓, ¼, ⅖, and ⅙ respectively. What is the probability that the task will get completed on time?

1	¼	2	⅔
3	¾	4	None

Q10 The power of 17 in the prime factorization of 4000! is:

1	235	2	240
3	248	4	252