



**SCALER**  
School of Technology

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Scaler National Scholarship  
& Entrance Test

# Scaler NSET Preparation Kit

Welcome to our test preparation guide for your upcoming ScalerNSET. This guide provides practice papers, test guidelines and important dos and don'ts for students taking an AI-based proctored test from home, to help ensure a smooth and successful test-taking experience.

## **DOs:**

- Ensure that you have a reliable internet connection and a quiet, distraction-free environment to take the test in.
- Test your computer, webcam, and microphone ahead of time to make sure they are working properly.
- Follow all the instructions provided for the AI-based proctoring, including any necessary software installations or system checks.
- Dress appropriately and make sure that your face is clearly visible to the camera throughout the test.
- Maintain eye contact with the camera as much as possible and avoid looking away or around the room.
- Remain seated and in view of the camera at all times unless otherwise instructed.
- Inform the proctor or test administrator if you experience any technical issues or other problems during the test.
- Follow the same test-taking strategies as you would for an in-person exam, including pacing yourself and managing your time effectively.

## **DON'Ts:**

- Don't engage in any behaviour that could be interpreted as cheating or academic dishonesty, such as looking up answers online or using unauthorised study materials.

- Don't communicate with other people during the test, either in person or through electronic means.
- Don't leave the camera's view or move away from your computer unless specifically instructed to do so.
- Don't access any programs or files on your computer that are not allowed by the test administrator.
- Don't let anyone else take the test on your behalf or provide any assistance to you during the exam.
- Don't attempt to disable or circumvent the AI-based proctoring system in any way.
- Don't get discouraged or panic if you encounter technical issues or encounter challenging questions during the test.

## Practice Test Link

[Click Here To Attempt The Sample Test - 1](#)

[Click Here To Attempt The Sample Test - 2](#)

Kindly ensure that you take the sample test on your computer or laptop prior to the actual test, as doing so will enable you to pinpoint any potential system incompatibilities your device may have and enable you to address those requirements beforehand, prior to taking the main admission test.

### **Here's a general guideline for candidates on how to approach the test:**

- Prepare for all sections: Since the test evaluates your performance in Maths, Learnability, and Aptitude, it's important to be prepared in all three areas or

master 1 section to perfection. Review the key concepts and topics covered in each section to ensure you have a solid foundation.

- Focus on balanced preparation: While it's important to have a strong understanding of Maths, Learnability, and Aptitude, make sure you allocate your study time proportionally based on the weightage of each section. Give equal importance to each area and avoid neglecting any particular section.
- Strengthen your problem-solving skills: Problem-solving is a crucial aspect of any test. Practice solving a variety of mathematical problems, logical puzzles, and analytical questions to enhance your problem-solving skills. This will help you tackle different types of questions in the Aptitude section effectively.
- Enhance your learnability: Learnability refers to your ability to learn and adapt to new information or skills. To improve in this area, focus on developing your critical thinking, information processing, and learning strategies. Engage in activities that require you to learn new concepts or acquire new skills, and reflect on your learning process.
- Time management: Since the test may have a time limit, practice managing your time effectively. Work on improving your speed and accuracy in solving problems to ensure you can complete all sections within the allocated time. Allocate sufficient time to each section based on its weightage.
- Stay calm and focused: On the day of the test, maintain a calm and focused mindset.
- Avoid getting overwhelmed by the pressure and focus on each question one at a time. Read the instructions carefully and double-check your answers before moving on to the next question.

Remember, this is a general guideline to help you prepare for the test without specific knowledge of the criteria. It's always beneficial to study and practice extensively in all areas to maximize your chances of success. Good luck!

NSET is designed to assess parameters that contribute to a learner's success when entering the domain of Computer Science and Data Science.

**NSET has three sections:**

- Logical Reasoning
- Mathematics
- Learnability

Section	Difficulty	Total Marks
Logical Reasoning	Easy to Difficult	50
Mathematics	Easy to Difficult	65
Learnability	Easy to Difficult	65
<b>Total</b>		<b>180</b>

## Logical Reasoning

The Logical Reasoning section has questions that will test your ability to read and analyse visual representations of data. It will also test your ability to think logically. You may also need to structure data that appears unstructured. This section requires the candidate to have sound skills in logical reasoning and data representation.

The questions can be on :

1. Series Blood Relations & Family Tree
2. Simple & Compound interest
3. Direction Sense
4. Puzzles: 1 comprehension question similar to the Logical Reasoning section of CAT [Higher difficulty]

5. Seating Arrangement
6. Venn Diagram
7. Data Sufficiency
8. Pie Charts
9. Bar and Line graphs
10. Coding- Decoding
11. Sets & Caselets
12. Clocks and Calendars
13. Syllogism

## Mathematics

Maths has a wide range of topics from which questions are selected for each version of NSET.

1. Number Theory
2. Exponentials & Logarithms
3. Probability & Statistics
4. Permutation and Combinations
5. Ratio & Proportion
6. Sets (Venn Diagrams)

## Learning Ability Testing

In this section of the admission test, we will explain a specific concept to you and then ask you questions based on that concept. The purpose of this section is to evaluate your understanding of the concept and your ability to apply it to various problem-solving scenarios.

Our aim is to assess your aptitude and potential in the given subject matter. Therefore, we advise you to pay close attention to the concept explanation and try to understand it thoroughly. The questions that follow will test your comprehension of the concept and your ability to apply it to various scenarios. We believe that this section will be a valuable learning experience for you and will help you identify areas where you may need improvement. So, be prepared to read the concept explanation carefully and apply it to the best of your abilities in the questions that follow.

The question in the NSET might be of higher difficulty compared to the question in the sample test but the structure of the question will remain the same.