


Maths Olympiad For Class 3




SOF
SCIENCE OLYMPIAD FOUNDATION


SAMPLE PAPER SYLLABUS 2017-18

CLASS

3



IMO



IMO

**SOF INTERNATIONAL
MATHEMATICS OLYMPIAD**

Total Questions : 35

Time : 1 hr

PATTERN & MARKING SCHEME

Section	(1) Logical Reasoning	(2) Mathematical Reasoning	(3) Everyday Mathematics	(4) Achievers Section
No. of Questions	10	10	10	5
Marks per Ques.	1	1	1	2

SYLLABUS

Section - 1 : Patterns, Analogy and Classification, Alphabet Test, Coding-Decoding, Ranking Test, Grouping of Figures and Figure Matrix, Mirror Images, Geometrical Shapes, Embedded Figures, Days and Dates & Possible Combinations.


Section - 2 : Numerals, Number names and Number Sense (4-digit numbers), Computation Operations, Fractions, Length, Weight, Capacity, Temperature, Time, Money, Geometry, Data Handling.

Section - 3 : The Syllabus of this section will be based on the Syllabus of Mathematical Reasoning.


Section - 4 : Higher Order Thinking Questions - Syllabus as per Section - 2.

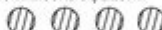
LOGICAL REASONING


1. Meena made this pattern with balls:




Which of the following uses a rule most different from Meena's pattern?

(A) 

(B) 

(C) 

(D) 

2. If Pawan has baseball practice every fourth day in the month of March, starting with March 1, what date will be his last day of practice for the month?

(A) March 28

(B) March 29

(C) March 30

(D) March 31

MARCH						
S	M	T	W	Th	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

3. Koral built a birdhouse at summer camp.


What shape is the piece of wood that was cut out to make the door of her birdhouse?

(A) Triangle


(B) Diamond


(C) Circle


(D) Pentagon





4. How would the given block model look from the top?

(A) 

(B) 

(C) 

(D) 



MATHEMATICAL REASONING

5. Tina shades in 3 spaces on a game board. What fraction of the game board is shaded?


(A) $\frac{3}{6}$

(B) $\frac{3}{5}$

(C) $\frac{3}{3}$

(D) $\frac{6}{3}$

Game Board



6. What is the standard form of $7,000 + 800 + 20 + 5$?

(A) 7,285

(B) 7,825

(C) 7,852

(D) 7,528

Maths Olympiad for Class 3 is an exciting opportunity for young learners to showcase their mathematical skills and compete with peers at a national or international level. Designed to stimulate interest and foster critical thinking, Maths Olympiads are structured competitions that challenge students to think outside the box and apply their mathematical knowledge in creative ways. This article explores the structure, benefits, preparation strategies, and essential tips for success in Maths Olympiad for Class 3.

Understanding Maths Olympiad for Class 3

Maths Olympiad competitions cater to students from various grades, with Class 3 being a crucial

stage where students transition from basic arithmetic to more complex mathematical concepts. The Olympiad tests not only the knowledge of mathematics but also the problem-solving abilities of students.

Structure of the Maths Olympiad

Typically, the Maths Olympiad consists of multiple-choice questions (MCQs) that cover a wide range of topics. The following are key components of the competition:

1. Question Format:

- Multiple-choice questions
- Problem-solving questions
- Logical reasoning questions

2. Topics Covered:

- Basic arithmetic (addition, subtraction, multiplication, and division)
- Fractions and decimals
- Geometry (basic shapes and properties)
- Measurement (length, weight, and volume)
- Patterns and sequences
- Simple word problems

3. Duration:

- The exam usually lasts for 60 minutes.

4. Scoring:

- Each correct answer typically earns a point, while incorrect answers may result in no points or negative marking, depending on the organizing body.

Benefits of Participating in Maths Olympiad

Participating in the Maths Olympiad offers numerous advantages for Class 3 students, including:

- **Enhanced Problem-Solving Skills:** The Olympiad encourages students to think critically and solve problems efficiently.
- **Boosted Confidence:** Competing and performing well can significantly enhance a student's self-esteem.
- **Exposure to Advanced Concepts:** Students are introduced to mathematical concepts that go beyond their regular curriculum.
- **Recognition and Awards:** Top performers often receive certificates, medals, and scholarships, motivating them further.
- **Improved Analytical Thinking:** The competition fosters a mindset focused on logical

reasoning and analytical thinking.

Preparation Strategies for Class 3 Students

To excel in the Maths Olympiad, students need to prepare systematically. Here are some effective strategies:

1. Understand the Syllabus

Familiarize yourself with the topics and concepts outlined in the syllabus. This will help in identifying areas that require more focus and practice.

2. Gather Resources

Collect study materials, including:

- Textbooks: Standard mathematics textbooks for Class 3.
- Workbooks: Practice workbooks that focus on Olympiad-style questions.
- Online Resources: Websites and platforms that offer practice questions and mock tests.

3. Practice Regularly

Regular practice is crucial for success. Students should:

- Allocate specific time daily for maths practice.
- Solve previous years' Olympiad papers to understand the question pattern.
- Work on timed quizzes to improve speed and accuracy.

4. Focus on Conceptual Understanding

Instead of rote memorization, students should aim to understand the underlying concepts. This can be achieved through:

- Group study sessions where students can discuss problems.
- Using visual aids like charts and models to grasp complex ideas.
- Engaging in practical activities that demonstrate mathematical principles.

5. Take Mock Tests

Simulate the exam environment by conducting mock tests. This helps students to:

- Manage time effectively during the actual exam.
- Familiarize themselves with the pressure of competitive exams.
- Identify strengths and weaknesses for further improvement.

Key Tips for Success

Here are some essential tips that can help Class 3 students perform their best in the Maths Olympiad:

1. Stay Calm and Confident

Encourage students to remain calm during the exam. Confidence plays a key role in performance. Practice relaxation techniques such as deep breathing to reduce anxiety.

2. Read Questions Carefully

Students should take time to read each question thoroughly before attempting to answer. Misunderstanding a question can lead to errors.

3. Manage Time Wisely

During the exam, students should keep track of time. If they find a question particularly challenging, it may be wise to move on and return to it later.

4. Review Answers

If time permits, students should review their answers before submitting. Double-checking can help catch any mistakes or overlooked questions.

5. Encourage a Positive Attitude

Parents and teachers should foster a positive attitude towards the competition. Emphasizing effort over results can reduce pressure and promote a love for learning.

Conclusion

The **Maths Olympiad for Class 3** is not just a competition; it is an enriching experience that promotes a love for mathematics and enhances critical thinking skills. By understanding the structure, preparing effectively, and adopting the right strategies, students can excel and enjoy the journey of learning. Encouraging participation in such competitions can lay a strong foundation for future academic achievements and foster a lifelong appreciation for mathematics.

Frequently Asked Questions

What is the Maths Olympiad for Class 3?

The Maths Olympiad for Class 3 is a competitive examination designed to assess and enhance the mathematical skills of students in the third grade through challenging problems and logical reasoning.

How can students prepare for the Maths Olympiad?

Students can prepare for the Maths Olympiad by practicing previous years' papers, engaging in math puzzles, joining coaching classes, and using online resources and books that focus on Olympiad-level questions.

What topics are typically covered in the Class 3 Maths Olympiad?

Topics usually covered include basic arithmetic, geometry, number theory, patterns, and simple word problems, often emphasizing critical thinking and problem-solving skills.

Are there any specific skills that students should focus on for the Maths Olympiad?

Students should focus on developing their problem-solving abilities, logical reasoning, speed and accuracy in calculations, and the ability to interpret and solve word problems.

What are the benefits of participating in the Maths Olympiad?

Participating in the Maths Olympiad helps students boost their confidence, improve their mathematical thinking, enhances their competitive spirit, and provides exposure to advanced mathematical concepts.

When is the Maths Olympiad usually conducted for Class 3 students?

The Maths Olympiad for Class 3 students is typically conducted annually, with specific dates varying by region and organizing body, often occurring in the late fall or winter.

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