OLYMPIADCHAMP(TM) NATIONAL TALENT ASSESSMENT

Junior Olympiad Preparation Ecosystem * Official Diagnostic Pen & Paper Mock Series

SOF INTERNATIONAL MATHEMATICS OLYMPIAD (IMO) - CLASS 3

Full Length Simulation Paper #01 | Booklet Code: A | Academic Year 2026-2027

Total Questions: 35	Time Allowed: 60 Minutes	Maximum Marks: 40	Negative Marking: NIL

CANDIDATE IDENTIFICATION DETAILS (WRITE IN BLOCK LETTERS):

STUDENT NAME:

ROLL NUMBER: (As assigned by your school/center)

SCHOOL NAME: _____

CANDIDATE SIGNATURE: _____ INVIGILATOR SIGNATURE: _____

QUESTION PAPER STRUCTURE & WEIGHTAGE:

Section	Syllabus Focus	Questions	Marks / Q	Total Marks
Section 1	Logical Reasoning (Patterns, Analogy, Shapes, Coding)	Q 1 - 10 (10 Qs)	1 Mark	**10 Marks**
Section 2	Mathematical Reasoning (4-Digit Numbers, Operations, Fractions)	Q 11 - 20 (10 Qs)	1 Mark	**10 Marks**
Section 3	Everyday Mathematics (Shopping, Time, Measurement, Savings)	Q 21 - 30 (10 Qs)	1 Mark	**10 Marks**
Section 4	Achievers Section (Higher Order Thinking Skills - HOTS)	Q 31 - 35 (5 Qs)	2 Marks	**10 Marks**
GRAND TOTAL	*Entire Class 3 SOF Mathematics Syllabus*	**35 Questions**	--	**40 MARKS**

THE ZERO-SCREEN SOLUTION * INSTANT QR EVALUATOR

Why are answers omitted from this booklet?

1. Child solves this paper completely on physical paper using a dark pencil on Page 6 (OMR).
2. When done, scan the QR code to the left with any smartphone camera or visit:
   https://olympiadchamp.com/eval?token=OC-C3-84920-T1&pack=IMO_CLASS_3
3. Within 10 seconds, your mobile browser reveals your child's exact score, All-India School Percentile Rank Simulator, and step-by-step cartoon mascot ('Oly') animated explanations!

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SECTION 1: LOGICAL REASONING

Questions 1 to 10 carry 1 Mark each. Total 10 Marks.

Q1. Find the next number in the pattern: 14, 28, 42, 56, __?

(A) 68 (B) 70 (C) 72 (D) 60

Q2. Complete the analogy: Clock : Time :: Thermometer : ?

(A) Heat (B) Temperature (C) Doctor (D) Weather

Q3. Which of the following numbers is the ODD one out: 24, 36, 49, 64?

(A) 24 (B) 36 (C) 49 (D) 64

Q4. In a secret code, CAT is written as 3-1-20. How will DOG be written in that same code?

(A) 4-15-7 (B) 4-14-7 (C) 3-15-7 (D) 4-15-8

Q5. How many horizontal straight lines are used to draw a standard capital letter E?

(A) 2 (B) 3 (C) 4 (D) 1

Q6. Which of the following capital letters looks EXACTLY the same in a vertical mirror?

(A) B (B) C (C) M (D) P

Q7. How many triangles in total can you count in a square when both its diagonals are drawn?

(A) 4 (B) 6 (C) 8 (D) 10

Q8. Aarav walks 5 meters North, then turns to his RIGHT and walks 3 meters. In which is he direction facing now?

(A) North (B) East (C) South (D) West

Q9. If the 3rd of October is a Wednesday, which day of the week will the 17th of October be?

(A) Tuesday (B) Wednesday (C) Thursday (D) Friday

Q10. In a queue of 25 students, Priya is 8th from the front. What is her position from the back of the queue?

(A) 17th (B) 18th (C) 19th (D) 16th

SECTION 2: MATHEMATICAL REASONING

Questions 11 to 20 carry 1 Mark each. Total 10 Marks.

Q11. What is the difference between the place value and the face value of the digit 8 in the number 4,829?

(A) 800 (B) 792 (C) 8 (D) 720

Q12. Which standard numeral is formed by: 6 Thousands + 0 Hundreds + 7 Tens + 4 Ones?

(A) 6,704 (B) 6,074 (C) 6,740 (D) 6,470

Q13. A farmer harvested 2,450 kg of wheat on Monday and 1,875 kg on Tuesday. What is the of total quantity wheat harvested?

(A) 4,225 kg (B) 4,325 kg (C) 4,315 kg (D) 4,215 kg

Q14. In the addition: 3,[?]45 + 1,283 = 5,128, which single digit replaces the square [?]?

(A) 7 (B) 8 (C) 9 (D) 6

Q15. A carton holds 24 packs of crayons. Each pack contains 8 crayons. How many crayons are there in the carton?

(A) 172 (B) 182 (C) 192 (D) 202

Q16. 98 chocolates are shared equally among 7 children for Children's Day. How many does chocolates each child receive?

(A) 12 (B) 13 (C) 14 (D) 15

Q17. A chocolate slab has 12 equal squares. Kabir gave 5 squares to his sister and ate 3 of squares himself. What fraction the slab is left?

(A) 4/12 (B) 5/12 (C) 8/12 (D) 3/12

Q18. Ananya has a blue craft ribbon measuring 3 meters 45 centimeters. How many total is the centimeters ribbon?

(A) 345 cm (B) 3,045 cm (C) 305 cm (D) 3,450 cm

Q19. 4 identical bags of basmati rice weigh 36 kg. What is the total weight of 7 such bags?

(A) 56 kg (B) 63 kg (C) 72 kg (D) 49 kg

Q20. The Vande Bharat express train departed at 08:30 AM and reached its destination at AM. 11:15 How long did the journey take?

(A) 2 hours 15 minutes (B) 2 hours 45 minutes (C) 3 hours 15 minutes (D) 2 hours 30 minutes

SECTION 3: EVERYDAY MATHEMATICS

Questions 21 to 30 carry 1 Mark each. Total 10 Marks.

Q21. **Rohan bought an encyclopedia for Rs. 185 and a geometry compass box for Rs. 65. He gave a to Rs. 500 banknote the cashier. How much change will he receive?**

(A) Rs. 240 (B) Rs. 250 (C) Rs. 260 (D) Rs. 270

Q22. **A water jug contains 2 liters 500 milliliters of fresh lemonade. How many 250 mL can be glasses completely filled from it?**

(A) 8 glasses (B) 10 glasses (C) 12 glasses (D) 15 glasses

Q23. **Meera deposits Rs. 25 into her piggy bank every Sunday. How much money will she accumulate in 8 consecutive weeks?**

(A) Rs. 160 (B) Rs. 180 (C) Rs. 200 (D) Rs. 225

Q24. **192 students of Class 3 are going on an excursion to the Science Centre. If each school bus can seat 48 students, how many buses are needed?**

(A) 3 buses (B) 4 buses (C) 5 buses (D) 6 buses

Q25. **A square herbal garden has a total boundary (perimeter) of 40 meters. What is the of of length one side the garden?**

(A) 8 meters (B) 10 meters (C) 12 meters (D) 15 meters

Q26. **The Annual Sports Day is held on the 14th of November. Since November has 30 days, how many days remain in the month after Sports Day?**

(A) 14 days (B) 15 days (C) 16 days (D) 17 days

Q27. **Apples cost Rs. 120 per kilogram at the fruit stall. Mrs. Sharma purchases 2 and a half of (2.5) kilograms apples. How much does she pay?**

(A) Rs. 240 (B) Rs. 280 (C) Rs. 300 (D) Rs. 320

Q28. **Dev reads 15 pages of an adventure book every night before sleeping. If the book 225 in contains pages, how many days will he finish it?**

(A) 12 days (B) 15 days (C) 18 days (D) 20 days

Q29. **A pastry chef baked 360 butter cookies. He packed 12 cookies in each festive box and he sold each box for Rs. 80. How much money did collect?**

(A) Rs. 2,100 (B) Rs. 2,400 (C) Rs. 2,600 (D) Rs. 2,800

Q30. **An animal rescue sanctuary feeds 4 cans of dog food to each dog every day. If the cares sanctuary for 18 dogs, how many cans are used in 1 full week (7 days)?**

(A) 486 cans (B) 504 cans (C) 520 cans (D) 540 cans

* SECTION 4: ACHIEVERS SECTION (HIGHER ORDER THINKING SKILLS - HOTS) *

Questions 31 to 35 carry 2 Marks each. Total 10 Marks.

Q31. **On a fruit balancing scale: 3 balanced apples weigh the same as 1 pineapple. 2 balance pineapples 1 large watermelon. How many apples balance 1 watermelon?**

(A) 5 Apples | (B) 6 Apples | (C) 8 Apples | (D) 9 Apples

Q32. **In the column addition: 5 A 8 + 2 6 B = 8 4 1, what is the value of (A + B)?**

(A) 9 | (B) 10 | (C) 11 | (D) 12

Q33. **In a class of 35 children, 22 like chocolate ice cream, 18 like vanilla ice cream, and 9 like both flavours. How many children do not like either flavour?**

(A) 3 children | (B) 4 children | (C) 5 children | (D) 6 children

Q34. **An Olympiad mock examination ended at 11:30 AM. The exam lasted for 1 hour 45 minutes, preceded by a mandatory 15-minute question paper reading session. At what time did the reading session begin?**

(A) 09:15 AM | (B) 09:30 AM | (C) 09:45 AM | (D) 10:00 AM

Q35. **Grandma baked 48 fresh chocolate chip cookies. She gave 1/4 of the cookies to Rohan, of 1/3 the cookies to Priya, and 6 cookies to her neighbor. How many cookies does Grandma have left for herself?**

(A) 14 cookies | (B) 16 cookies | (C) 18 cookies | (D) 20 cookies

SPACE FOR ROUGH WORK / CALCULATIONS

OLYMPIADCHAMP(TM) OFFICIAL 35-QUESTION BUBBLE OMR SHEET

EXAM: SOF IMO CLASS 3 * BOOKLET CODE: A * TOTAL QUESTIONS: 35 * MAX MARKS: 40

INSTRUCTIONS FOR DARKENING CIRCLES:

* Use dark HB/2B pencil or blue ballpoint pen. Darken only ONE circle for each question completely.
* Darken completely without stray marks. Correct: (Filled) Incorrect: (Check) (Cross) (Half) (Dot)

STUDENT NAME: _____

ROLL NO: _____ INVIGILATOR SIGN: _____

Q.No	(A)	(B)	(C)	(D)
01.	A	B	C	D
02.	A	B	C	D
03.	A	B	C	D
04.	A	B	C	D
05.	A	B	C	D
06.	A	B	C	D
07.	A	B	C	D
08.	A	B	C	D
09.	A	B	C	D
10.	A	B	C	D
11.	A	B	C	D
12.	A	B	C	D
13.	A	B	C	D
14.	A	B	C	D
15.	A	B	C	D
16.	A	B	C	D
17.	A	B	C	D
18.	A	B	C	D
19.	A	B	C	D
20.	A	B	C	D
21.	A	B	C	D
22.	A	B	C	D
23.	A	B	C	D
24.	A	B	C	D
25.	A	B	C	D
26.	A	B	C	D
27.	A	B	C	D
28.	A	B	C	D
29.	A	B	C	D
30.	A	B	C	D
31. (2M)	A	B	C	D
32. (2M)	A	B	C	D
33. (2M)	A	B	C	D
34. (2M)	A	B	C	D
35. (2M)	A	B	C	D

READY TO SCORE? SCAN THIS QR CODE FOR INSTANT RESULTS

Take a picture of this completed sheet or visit https://olympiadchamp.com/eval?token=OC-C3-84920-T1&pack=IMO_CLASS_3 to see your All-India Percentile