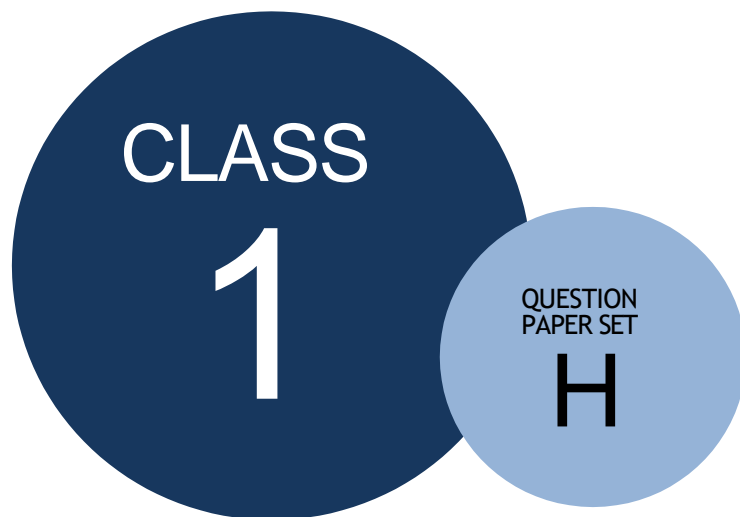# I MO

SCO INTERNATIONAL MATH OLYMPIAD 2023-24

CLASS 1

QUESTION PAPER SET H

DO NOT OPEN THIS BOOKLET UNTIL ASKED TO DO SO

Guidelines for the Candidate

1. Before the exam begins, you will have an additional 20 minutes to complete the OMR Sheet with personal information.

2. On the OMR Sheet, clearly write your name, **school code, class, roll number, and mobile number**..

3. Four sections make up the question paper:

   General Math (20 Questions), **Reason/Assertion** (5 Questions), **Case Study** (5 Questions) and **Achievers Section** (5 Questions). Each question in Achievers Section carries 2 marks, whereas all other questions carry one mark each.

   Total Questions - 35

4. Every inquiry must be answered. There are no failing grades. Calculator use is not allowed.

5. There is just ONE right response. Select ONE response choice only.

6. Use only an HB pencil or a blue or black ballpoint pen to indicate your choice of responses by darkening the corresponding circles on the OMR Sheet. E.g.

   Q.1: What is the capital of India?

   A. Kolkata B. Mumbai C. Delhi   D. Chennai

   You must shade the circle next to option C on the OMR Sheet since that is the right response**.**

   Q.1.Ⓐ Ⓑ ● Ⓓ
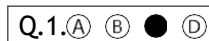
7. At the conclusion of the test, hand over the OMR Sheet to the Invigilator.

8. Before attempting the paper, kindly provide your personal information in the box provided on this page. .
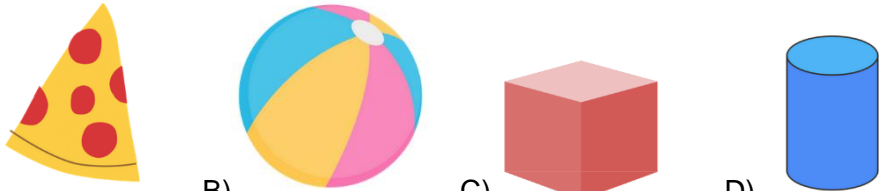
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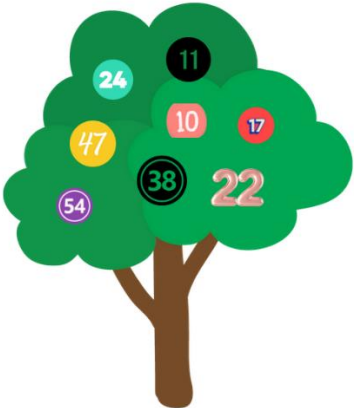
Name:...

Registration ID.:... Contact No.:..

1.	If you have 10 candies and eat 3 of them, how many candies are left?
	A) 5 B) 7 C) 8 D) 9
2.	If you have 24 marbles and you want to share them equally among 3 friends, how many marbles will each friend get?
	A) 6 marbles B) 8 marbles C) 10 marbles D) 12 marbles
3.	Lisa has 5 dolls, and each doll has 3 dresses. How many dresses does she have in total?
	A) 8 dresses B) 12 dresses C) 15 dresses D) 20 dresses
4.	Which of the following have the shape of a triangle?
	A) B) C) D)
5.	What is the name of a shape with five sides?
	A) Triangle B) Rectangle C) Pentagon D) Hexagon
6.	Which of the following objects does not have any faces?
	A. (B) (C) (D)

7.	**Which of the following shapes is constructed by 3 lines?** A) I B)II C)III D)IV
8.	**If you have a triangle with 4 sides, is it still a triangle?** A) Yes B) No C) May or may not D) None of these
9.	**How many corners does a circle have?** A) one B) Many C) Two D) Zero
10.	**What is the reading displayed on the weighing scale?** A)70kg B)71kg C)69kg D) 72kg
11.	**If you have 4 friends and you give each of them 2 stickers, how many stickers did you give away?** A) 2 stickers B) 4 stickers C) 6 stickers D) 8 stickers
12.	**If every student in a class of 8 brings 2 books, how many books are there in total?** A) 4 books B) 12 books C) 16 books D) 20 books
13.	**If there are 24 hours in a day, how many hours are there in 3 days?** A) 48 hours B) 72 hours C) 96 hours D) 120 hours
14.	**In a school competition, there are 6 teams, and each team has 5 members. How many students are participating in total?**

	A) 10 students B) 15 students C) 25 students D) 30 students
15.	**What do we call a line that is straight and never ends?** A) A curved line B) A rainbow C) A straight line D) A wavy line
16.	**What comes after the number 15 in the counting sequence?** A) 14 B) 16 C) 17 D) 13
17.	**If you have two 5-rupee coins and three 10-rupee coins, what is the total amount of money you have in your hand?** A)40 B) 35 C)20 D)30
18.	**If it's 9 o'clock now, how many hours until it's 12 o'clock noon?** A) 2 hours B) 3 hours C) 4 hours D) 5 hours
19.	**Count the number of even numbers present in the tree?** A) 6 B)7 C)4 D)5

20.	If a school day starts at 8:30 AM and ends at 3:15 PM, how many hours and minutes is the school day? A) 6 hours and 15 minutes B) 7 hours and 45 minutes C) 8 hours and 30 minutes D) 9 hours and 45 minutes
21.	Mary woke up at 6:15 AM and went to bed at 9:45 PM. How many hours and minutes was she awake during the day? A) 12 hours and 15 minutes B) 15 hours and 30 minutes C) 16 hours and 30 minutes D) 18 hours and 30 minutes
22.	Which of the following is correct? A) B) C) D)

23.	Which is heavier, a feather or a brick?
	A) Feather B) Brick C) They weigh the same D) It depends on the size of the feather and brick

24.	If you have a bag of 5 small apples and a bag of 3 big apples, which bag has more apples in it?
	   5 small apples 3 big apples A) Bag of 5 small apples B) Bag of 3 big apples C) Both bags have the same number of apples D) It's impossible to determine with the given information

25.	If you have 2 bags of flour, one weighing 2 kilograms and the other weighing 200 grams, which bag is heavier?
	   A) The bag weighing 2 kilograms B) The bag weighing 200 grams C) Both bags weigh the same D) It's impossible to determine with the given information

26.	If a toy car weighs 100 grams and a toy truck weighs 300 grams, how much heavier is the toy truck?
	A) 100 grams B) 200 grams C) 300 grams D) 400 grams

27.	If you have a 500-gram chocolate bar and a 300-gram bag of candies, how much more does the chocolate bar weigh?
	A) 100 grams B) 200 grams C) 300 grams D) 400 grams

28.	Which is lighter, a dog or a bicycle?
	A) A dog B) A bicycle C) They weigh the same D) It depends on the specific dog and bicycle
29.	If you have a box of 12 pencils, and each pencil weighs 10 grams, and a box of 8 markers, and each marker weighs 15 grams, which box is heavier, and by how much? A) The box of markers, heavier by 10 grams B) The box of pencils, heavier by 40 grams C) The box of markers, heavier by 40 grams D) Neither box is heavier than the other.
30.	A watermelon weighs 5 kilograms, and a pumpkin weighs 2 kilograms. How much heavier is the watermelon than the pumpkin? A) 1 kilogram B) 2 kilograms C) 3 kilograms D) 4 kilograms
31.	There are 96 apples in a basket. If 63 apples are taken out, how many apples are left in the basket? A) 33 apples B) 43 apples C) 53 apples D) 73 apples
32.	If you have a book with 128 pages, and you have already read 73 pages, how many more pages do you need to read to finish the book? A) 45 pages B) 55 pages C) 73 pages D) 100 pages
33.	If you have 3 one-dollar bills, how much money do you have in total? A) $3 B) $13 C) $30 D) $300
34.	Which of the following shapes has four equal sides but angles that are not right angles? A) Square B) Rectangle C) Rhombus D) Pentagon

35.	Which of the following objects is shaped like a line?

A) A ball   B) A Square   C) A ruler   D) Cookie

ANSWER KEY

1	2	3	4	5	6	7	8	9	10
b	b	c	a	c	c	d	b	d	b

11	12	13	14	15	16	17	18	19	20
d	c	b	d	c	b	a	b	d	a

21	22	23	24	25	26	27	28	29	30
b	a	b	a	a	b	b	d	d	c

31	32	33	34	35
a	b	b	c	c