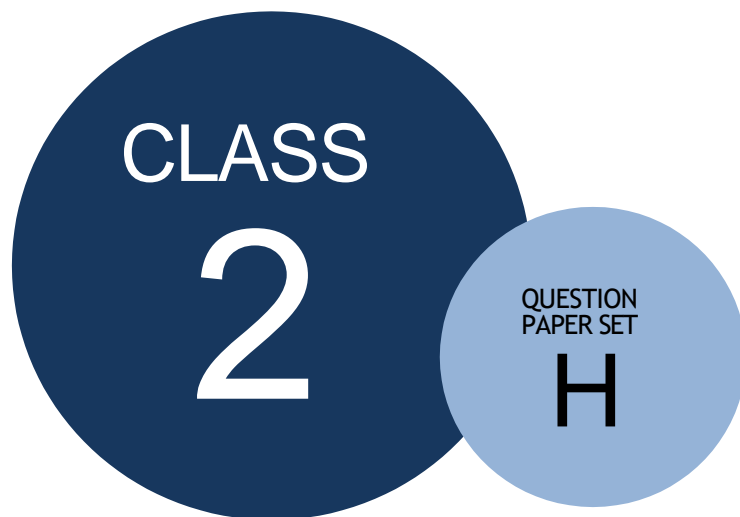


SCO INTERNATIONAL MATH
OLYMPIAD 2023-24



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.

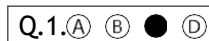
Total Questions - 35

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.



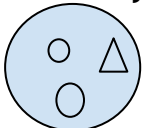



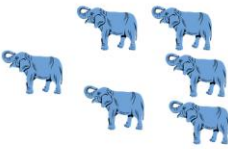
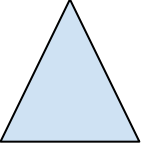
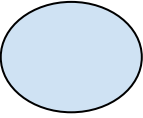

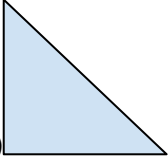
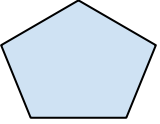
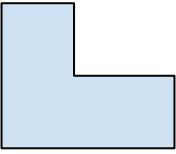

7. At the conclusion of the test, hand over the OMR Sheet to the Invigilator.
8. Before attempting the paper, kindly provide your personal information in the box provided on this page. .



Name:.....

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

1.	<p>Count the different number of shapes used to built this house?</p>  <p>A) 3 B) 4 C) 5 D) 6</p>
2.	<p>Which shape has four equal sides and four right angles?</p> <p>A) Circle B) Triangle C) Square D) Hexagon</p>
3.	<p>What is the sum of 37 and 24?</p> <p>A) 61 B) 51 C) 71 D) 41</p>
4.	<p>If you have 45 candies and you receive 32 more, how many candies do you have in total?</p>  <p>A) 73 B) 12 C) 77 D) 13</p>
5.	<p>Which weighs more, a bag of rice that weighs 5 kilograms or a bag of sugar that weighs 3 kilograms?</p> <p>A) A bag of rice B) A bag of sugar C) Both have equal weights D) None of these</p>
6.	<p>How many circles are there?</p>  <p>A) 1 B) 3 C) 2 D) 4</p>
7.	<p>If you have 63 marbles and you lose 15 of them, how many marbles do you have left?</p>

	 <p>A) 54 B) 63 C) 49 D) 48</p>
8.	<p>What note would you use to pay for a Geometry box costing Rs. 22 ?</p> <p>A) 10 rupee note B) 20 rupee note C) 5 rupee note D) 2 rupee note</p>
9.	<p>Total number of elephants in the given figure can be found using:</p>  <p>A) $1 + 2 + 3$ B) $3 + 2 + 1$ C) $3 + 3$ D) $3 + 3 + 2$</p>
10.	<p>What will come next in the sequence ?</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  <p>A) </p> </div> <div style="text-align: center;">  <p>B) </p> </div> <div style="text-align: center;">  <p>C) </p> </div> <div style="text-align: center;"> <p>_____</p> <p>D) </p> </div> </div>
11.	<p>6 Hundreds, 1 tens and 2 ones will make:</p> <p>A) 612 B) 510 C) 155 D) 515</p>

12. How many flowers are there?



A) 9

B) 7

C) 5

D) 6

13. Which of the following sums gives the smallest value?



$21+11$



$32+7$



$16+17$



$6+25$

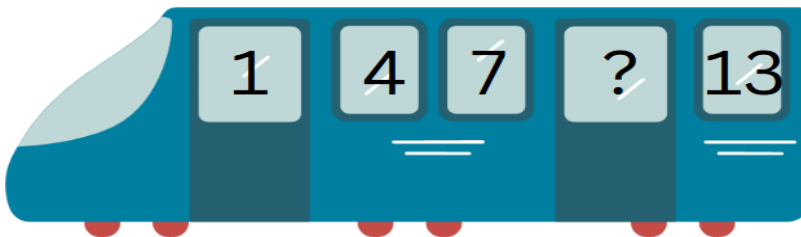
A) $21+11$

B) $32+7$

C) $16+17$

D) $6+25$

14. Find the missing number?



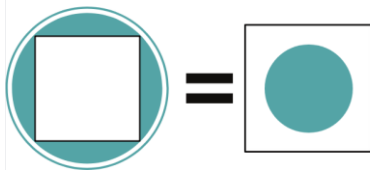
A) 10

B) 11

C) 12

D) 13

15.



Then,



A)



B)



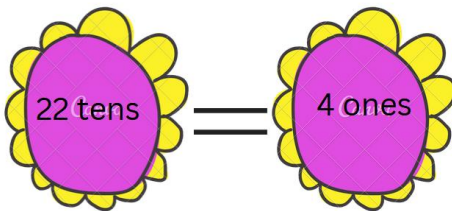
C)



D)



16 Which of the following is greater than :



A) 121

B) 223

C) 226

D) 204

17. Risha buys 4 pencils, 2 erasers and 1 scale from the nearby shop. What is the total cost?



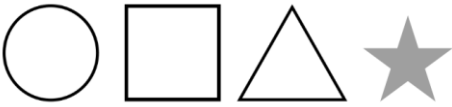






















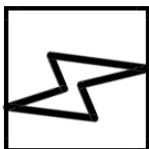
A) Rs 25

B) Rs 24

C) 23

D) 26

18.	<p>If you have 15 cookies and you want to share them equally among 3 friends, how many cookies will each friend get?</p>  <p>A) 5 B) 10 C) 3 D) 7</p>
19.	<p>Which object is longer: a ruler or a match stick ?</p>  <p>A) ruler these B) match stick C) They are the same length D) None of these</p>
20.	<p>Which of the following is an example of a curved line?</p> <p>A) Straight line B) Circle C) Triangle D) Square</p>
21.	<p>What is 5 times 3?</p> <p>A) 8 B) 15 C) 2 D) 53</p>
22.	<p>Which of the following shapes is odd?</p>  <p>A) B) C) D)</p>
23.	<p>Which of the following containers can hold more water: a cup or a bucket?</p>  <p>A) Cup B) Bucket C) Both D) None of these</p>

24.	<p>A farmer has 3 fields of carrots. Each field has 10 rows of carrots. Each row has 5 carrots. How many carrots does the farmer have in total?</p> <p>A) 150 B) 100 C) 50 D)200</p>										
25.	<p>If you have 10 apples and you divide them by 0, how many apples do you have left?</p> <p>A) 10 B) 5 C) 3 D. Cannot be divided by 0</p>										
26.	<p>A group of 20 students is working on a project. They need to divide the project into 5 equal parts. How many students should work on each part?</p> <p>A) 5 B)6 C)4 D)3</p>										
27.	<p>Based on the information in the pictograph, which person had a larger share of sweets?</p> <div><table><tr><td>Ram</td><td></td></tr><tr><td>Ravi</td><td></td></tr><tr><td>Lilly</td><td></td></tr><tr><td>Sona</td><td></td></tr><tr><td>Anu</td><td></td></tr></table></div> <p>A) Lilly B) Sona C) Lilly and Sona D)Ram</p>	Ram		Ravi		Lilly		Sona		Anu	
Ram											
Ravi											
Lilly											
Sona											
Anu											
28.	<p>Choose a figure from the options that contains the given figure as a complete part of its design.</p> <div></div> <div><div></div><div></div><div></div><div></div></div> <p>A) B) C) D)</p>										

29. Rima had a 3-minute phone conversation. How many seconds was her phone call?

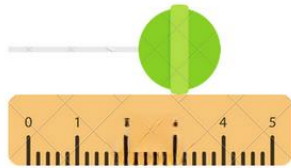


- A) 160 seconds B) 190 seconds C) 120 seconds D) 180 seconds

30. What number is greater than 33 but less than 35?

- A) $20+14$ B) $28+4$ C) $27+4$ D) $29+7$

31. What is the length of the specified object?





- A) 3 cm B) 4 cm C) 5 cm D) 2 cm

32. If I start by drinking strawberry juice, which item from the left will grape juice be?.



- A) 3rd B) 4th C) 2nd D) 5th

33.	<p>What is the time showing the below clock?</p>  <p>A) 9:30 B) 9:20 C) 9:25 D) 9:15</p>
34.	<p>If a toy costs 50 cents and you want to buy 5 of them, how much money do you need?</p>  <p>A) 100 cents B) 10 cents C) 250 cents D) 50 cents</p>
35.	<p>If you have 5 boxes, and each box contains 7 crayons, how many crayons do you have in total?</p> <p>A) 12 B) 35 C) 7 D) 5</p>

ANSWER KEY

1	2	3	4	5	6	7	8	9	10
b	c	a	c	a	b	d	b	a	c
11	12	13	14	15	16	17	18	19	20
a	c	d	a	d	c	a	a	a	b
21	22	23	24	25	26	27	28	29	30
b	a	b	a	d	c	c	a	d	a
31	32	33	34	35					
b	a	c	c	b					



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