School Connect Online

SCO INTERNATIONAL MATHS OLYMPIAD

CLASS 2 QUESTION PAPER

Set H | 35 Questions | 1 Hour

Designed for Class 2 mathematics readiness and aligned with SCO's guided preparation, practice, reporting, and future-ready academic growth.

- age-fit mathematical reasoning for early primary learners globally
- question blocks across shapes, counting, addition, subtraction, money, measurement, time, pictographs, and logical patterns
- answer keys and explanations included for classroom review, home practice, and website-ready learning support

Maths	Numbers	Shapes	Addition	Money
AI	Patterns	Data	Time	Reasoning

SCO International Maths Olympiad - Class 2

Reviewed Question Paper | Set H

Name: _____	Registration ID: _____
Class: 2	Time: 1 Hour | Total Questions: 35

Candidate Guidelines

- Read each question carefully before selecting the answer.
- There is only one correct answer for each question.
- Calculators are not required for this paper.
- Use the answer key and explanations for review after attempting the paper.

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General Mathematics

Question 1

Count the different types of shapes used to build this house.

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

Answer: B) 4

Explanation: The house uses four main shape types: triangle, rectangle, circle, and square-like parts.

Question 2

Which shape has four equal sides and four right angles?

A) Circle
B) Triangle
C) Square
D) Hexagon

Answer: C) Square

Explanation: A square has four equal sides and four right angles.

Question 3

What is the sum of 37 and 24?

A) 61
B) 51
C) 71
D) 41

Answer: A) 61

Explanation: 37 + 24 = 37 + 20 + 4 = 57 + 4 = 61.

Question 4

If you have 45 candies and receive 32 more, how many candies do you have in total?

A) 73
B) 12
C) 77
D) 13

Answer: C) 77

Explanation: 45 + 32 = 77, so there are 77 candies in total.

Question 5

Which weighs more: a bag of rice that weighs 5 kilograms or a bag of sugar that weighs 3 kilograms?

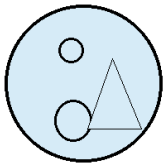
A) A bag of rice
B) A bag of sugar
C) Both have equal weights
D) None of these

Answer: A) A bag of rice

Explanation: 5 kilograms is more than 3 kilograms, so the rice bag weighs more.

Question 6

How many circles are there in the picture?



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

Answer: B) 3

Explanation: There is one large circle and two smaller circles. The triangle is not counted as a circle.

Question 7

If you have 63 marbles and lose 15 of them, how many marbles do you have left?

A) 54
B) 63
C) 49
D) 48

Answer: D) 48

Explanation: 63 - 15 = 48. Therefore, 48 marbles are left.

Question 8

A geometry box costs Rs. 22. Which note would be most useful to pay toward the cost, along with Rs. 2 more?

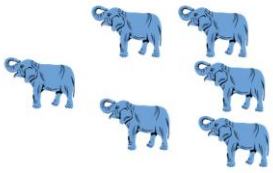
A) 10 rupee note
B) 20 rupee note
C) 5 rupee note
D) 2 rupee note

Answer: B) 20 rupee note

Explanation: A Rs. 20 note plus Rs. 2 more makes Rs. 22, so the Rs. 20 note is the most suitable option.

Question 9

The total number of elephants in the given figure can be found using which row-wise addition?



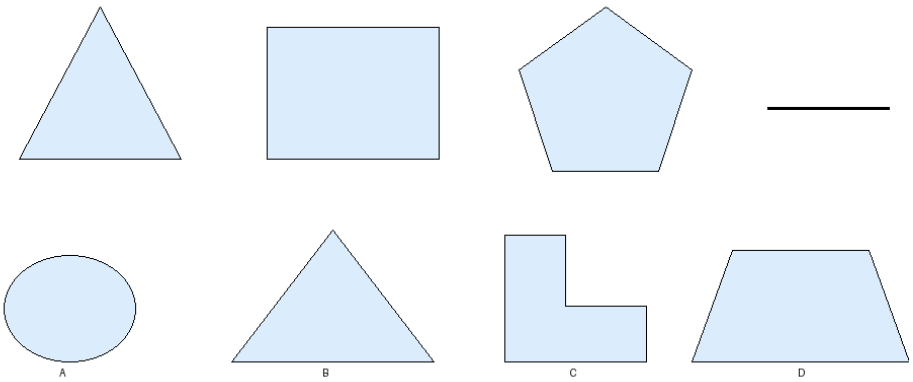
A) 1 + 2 + 3
B) 1 + 1 + 3
C) 2 + 2 + 1
D) 3 + 3 + 2

Answer: A) 1 + 2 + 3

Explanation: The elephants are arranged in groups of 1, 2, and 3. So the total is 1 + 2 + 3 = 6.

Question 10

What will come next in the shape sequence?



A) Oval
B) Triangle
C) Six-sided L-shape
D) Trapezium

Answer: C) Six-sided L-shape

Explanation: The number of sides increases as 3, 4, 5, so the next figure should have 6 sides.

Question 11

6 hundreds, 1 ten, and 2 ones will make:

A) 612
B) 510
C) 155
D) 515

Answer: A) 612

Explanation: 6 hundreds = 600, 1 ten = 10, and 2 ones = 2. So 600 + 10 + 2 = 612.

Question 12

How many flowers are there?

A) 9
B) 7
C) 5
D) 6

Answer: C) 5

Explanation: The picture has five flower groups. The leaves are not counted as flowers.

Question 13

Which of the following sums gives the smallest value?

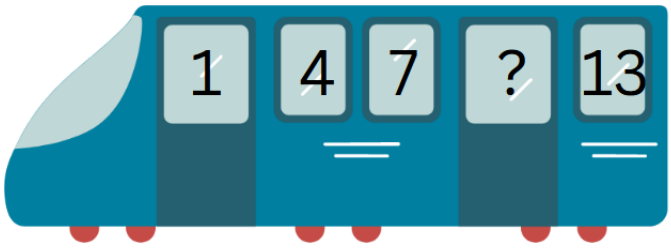
A) 21 + 11
B) 32 + 7
C) 16 + 17
D) 6 + 25

Answer: D) 6 + 25

Explanation: The sums are 32, 39, 33, and 31. The smallest value is 31, so 6 + 25 is correct.

Question 14

Find the missing number in the train sequence.



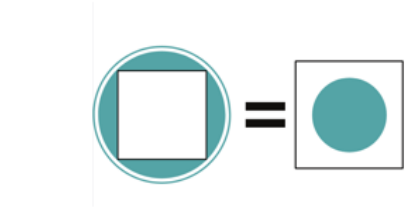
A) 10
B) 11
C) 12
D) 13

Answer: A) 10

Explanation: The numbers increase by 3 each time: 1, 4, 7, 10, 13.

Question 15

Observe the shape rule and choose the correct result.



Rule: outside and inside shapes are swapped

Question shape

A B C D

A) Triangle
B) Square
C) Triangle inside square
D) Diamond with triangle inside

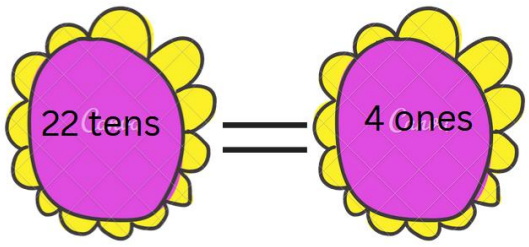
Answer: D) Diamond with triangle inside

Explanation: The rule swaps the inside and outside shapes. A triangle with a diamond inside becomes a diamond with a triangle inside.

Reasoning and Logical Mathematics

Question 16

Which of the following numbers is greater than 22 tens and 4 ones?



A) 121
B) 223
C) 226
D) 204

Answer: C) 226

Explanation: 22 tens and 4 ones make 224. The only option greater than 224 is 226.

Question 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) Rs. 23
D) Rs. 26

Answer: A) Rs. 25

Explanation: The pencil costs Rs. 5, eraser costs Rs. 2, and scale costs Rs. 1. Total = 4 × 5 + 2 × 2 + 1 = 20 + 4 + 1 = Rs. 25.

Question 18

If you have 15 cookies and want to share them equally among 3 friends, how many cookies will each friend get?

A) 5
B) 10
C) 3
D) 7

Answer: A) 5

Explanation: 15 cookies shared equally among 3 friends gives 15 ÷ 3 = 5 cookies for each friend.

Question 19

Which object is longer: a ruler or a matchstick?

A) Ruler
B) Matchstick
C) They are the same length
D) None of these

Answer: A) Ruler

Explanation: In the picture, the ruler is longer than the matchsticks.

Question 20

Which of the following is an example of a curved line?

A) Straight line
B) Circle
C) Triangle
D) Square

Answer: B) Circle

Explanation: A circle is made of a curved line. A triangle and a square are made of straight line segments.

Question 21

What is 5 times 3?

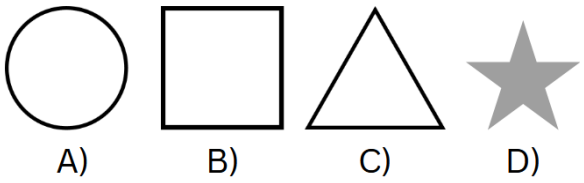
A) 8
B) 15
C) 2
D) 53

Answer: B) 15

Explanation: 5 times 3 means 5 + 5 + 5, which equals 15.

Question 22

Which of the following shapes is odd?



A) Circle
B) Square
C) Triangle
D) Star

Answer: A) Circle

Explanation: The circle is the odd one out because it has no straight sides, while the other figures are made with straight sides.

Question 23

Which container can hold more water: a cup or a bucket?

A) Cup
B) Bucket
C) Both
D) None of these

Answer: B) Bucket

Explanation: A bucket has a larger capacity than a cup, so it can hold more water.

Question 24

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?

A) 150
B) 100
C) 50
D) 200

Answer: A) 150

Explanation: Each field has 10 × 5 = 50 carrots. Three fields have 3 × 50 = 150 carrots.

Question 25

If you have 10 apples and try to divide them by 0, what is the correct mathematical statement?

A) 10
B) 5
C) 3
D) Cannot be divided by 0

Answer: D) Cannot be divided by 0

Explanation: Division by zero is not defined in mathematics. So the apples cannot be divided by 0.

Everyday Maths and Data Skills

Question 26

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?

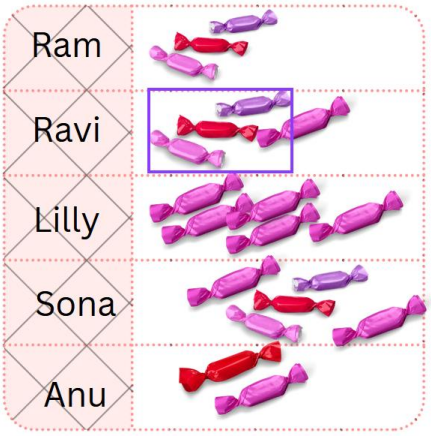
A) 5
B) 6
C) 4
D) 3

Answer: C) 4

Explanation: 20 students divided into 5 equal groups gives 20 ÷ 5 = 4 students per group.

Question 27

Based on the pictograph, which person or persons had the largest share of sweets?



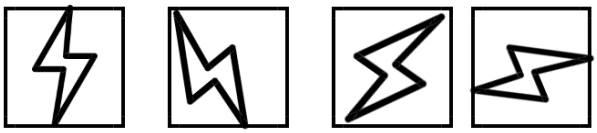
A) Lilly
B) Sona
C) Lilly and Sona
D) Ram

Answer: C) Lilly and Sona

Explanation: Lilly and Sona have the largest and equal number of sweets in the pictograph.

Question 28

Choose the figure from the options that contains the given figure as a complete part of its design.



A) B) C) D)

A) Option A
B) Option B
C) Option C
D) Option D

Answer: A) Option A

Explanation: Option A contains the same lightning-shaped figure as a complete part of its design.

Question 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

Answer: D) 180 seconds

Explanation: 1 minute = 60 seconds, so 3 minutes = 3 × 60 = 180 seconds.

Question 30

What number is greater than 33 but less than 35?

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

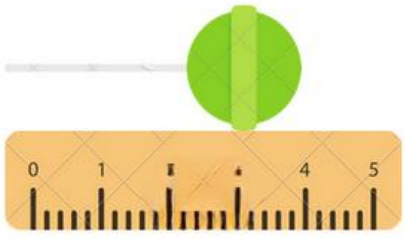
Answer: A) 20 + 14

Explanation: 20 + 14 = 34, and 34 is greater than 33 but less than 35.

Achievers Section

Question 31

What is the length of the specified object?



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

Answer: B) 4 cm

Explanation: The object starts at 0 cm and ends at 4 cm on the ruler, so its length is 4 cm.

Question 32

Starting from the strawberry juice as item 1, which item number is the grape juice?

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

Answer: A) 3rd

Explanation: Counting from strawberry as item 1: strawberry is 1st, the red drink is 2nd, and grape juice is 3rd.

Question 33

What time is shown on the clock?

A) 9:30
B) 9:20
C) 9:25
D) 9:15

Answer: C) 9:25

Explanation: The minute hand points to 5, which means 25 minutes. The hour hand is just past 9, so the time is 9:25.

Question 34

If a toy costs 50 cents and you want to buy 5 of them, how much money do you need?

A) 100 cents
B) 10 cents
C) 250 cents
D) 50 cents

Answer: C) 250 cents

Explanation: 5 toys cost 5 × 50 cents = 250 cents.

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Question 35

If you have 5 boxes and each box contains 7 crayons, how many crayons do you have in total?

A) 12
B) 35
C) 7
D) 5

Answer: B) 35

Explanation: 5 boxes with 7 crayons each gives 5 × 7 = 35 crayons.

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Consolidated Answer Key

Q.No.	Ans.	Q.No.	Ans.	Q.No.	Ans.
1	B	13	D	25	D
2	C	14	A	26	C
3	A	15	D	27	C
4	C	16	C	28	A
5	A	17	A	29	D
6	B	18	A	30	A
7	D	19	A	31	B
8	B	20	B	32	A
9	A	21	B	33	C
10	C	22	A	34	C
11	A	23	B	35	B
12	C	24	A		

Skill Coverage Summary

Learning Area	Related Questions
Counting, shapes, and visual reasoning	Q1, Q2, Q6, Q10, Q15, Q22, Q28
Addition, subtraction, multiplication, and division	Q3, Q4, Q7, Q13, Q18, Q21, Q24, Q25, Q26, Q30, Q34, Q35
Place value, number patterns, and comparison	Q11, Q14, Q16, Q29, Q31, Q32, Q33
Measurement, money, capacity, and daily maths	Q5, Q8, Q17, Q19, Q23, Q27