

SCO INTERNATIONAL OLYMPIAD

GRADE 1 MENTAL ABILITY

Sample Question Paper | Question Paper Set X

- Designed from Class 1 mental-ability syllabus pathways and aligned with SCO assessment flow for guided preparation, practice, reporting, and future-ready academic growth.
- Age-fit reasoning guidance for early primary learners globally with visual, spatial, measurement and pattern-thinking tasks.
- Built for schools, teachers, parents and students to support calm practice, logical thinking and academic enrichment.

Reasoning Patterns	Measuring Units	Geometrical Shapes	Grouping Figures	Odd One Out
Analogy	Ranking Test	Embedded Figures	Olympiad Practice	Visual Logic

SCO International Mental Ability Olympiad - Class 1 Sample Practice Paper Set X

Exam Detail	Description
Exam Name	SCO International Mental Ability Olympiad
Class / Grade	Class 1 / Grade 1
Duration	60 minutes
Question Type	Objective multiple-choice questions
Total Questions	35 questions
Core Sections	General Reasoning, Story / Case Study, Reason & Assertion, Achievers Section
Marking Note	Achievers questions may carry higher challenge level; all questions have one best answer.

Question Paper

General Reasoning Questions

Q1. Which shape will fill the missing part in the pattern?

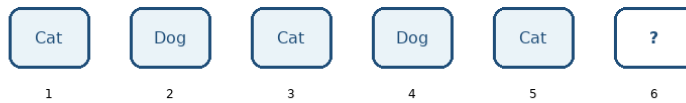


- A. Circle
- B. Square
- C. Triangle
- D. Star

Answer: C

Explanation: The pattern follows circle, square, circle, square and then triangle as the new figure in the cycle.

Q2. Which is the sixth animal in the pattern?



- A. Cat
- B. Dog
- C. Bird
- D. Rabbit

Answer: B

Explanation: The animals repeat Cat, Dog, Cat, Dog, Cat, Dog. The sixth animal is Dog.

Q3. Identify the matching pair: Big square is to small square as big circle is to ___.

Big Circle : Small Circle :: Big Square : ?



- A. Small circle
- B. Big triangle
- C. Small square
- D. Big circle

Answer: A

Explanation: The rule is big shape to smaller same shape. Big circle therefore matches small circle.

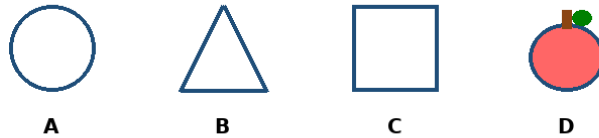
Q4. Divide 6 bumble bees into groups of 2. How many groups do you get?

- A. 2 groups
- B. 3 groups
- C. 4 groups
- D. None of the above

Answer: B

Explanation: Six objects divided into groups of two gives 3 groups: $2 + 2 + 2$.

Q5. From the figures, find the odd one out.

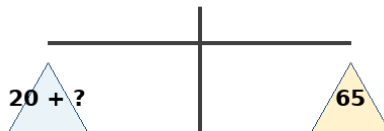


- A. Circle
- B. Square
- C. Triangle
- D. Apple

Answer: D

Explanation: The apple is not a basic geometric shape, while the others are.

Q6. Which number should be filled in place of “?” to balance the scale?



- A. 35
- B. 42
- C. 45
- D. 55

Answer: C

Explanation: The scale shows $20 + ? = 65$. Therefore, the missing number is 45.

Q7. A series of figures is given. Select the next figure in the series.



- A. Red Circle
- B. Blue Square

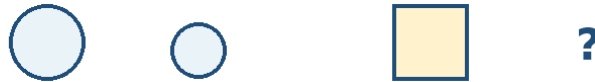
- C. Red Triangle
- D. Blue Circle

Answer: A

Explanation: After the sequence finishes its cycle, it restarts with Red Circle.

Q8. Find the missing pair: Big circle : small circle :: big square : ___.

Big Circle : Small Circle :: Big Square : ?



- A. Small square
- B. Small triangle
- C. Big square
- D. Big circle

Answer: A

Explanation: The relationship is big to small for the same shape.

Q9. Find the missing pair: big apple is to small apple as big banana is to ___.

Big Apple : Small Apple :: Big Banana : ?

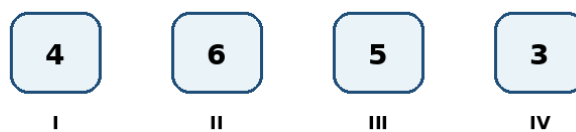


- A. Big banana
- B. Small banana
- C. Small apple
- D. Big orange

Answer: B

Explanation: The relation keeps the same object and changes the size.

Q10. Which two cookie jars give a total of 10 cookies?

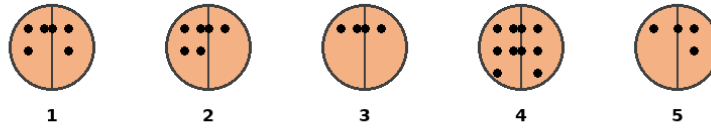


- A. I and II
- B. III and IV
- C. I and III
- D. II and III

Answer: A

Explanation: Jar I has 4 and Jar II has 6. Together they make 10.

Q11. Which ladybirds show equal spots on both parts?



- A. 1 and 4
- B. Only 1
- C. 3 and 5
- D. 2 and 4

Answer: A

Explanation: Ladybirds 1 and 4 have equal spots on their left and right halves.

Q12. A pencil is 6 sharpeners long. If one eraser is as long as 2 sharpeners, how many erasers long is the pencil?

- A. 4 erasers
- B. 3 erasers
- C. 2 erasers
- D. None of the above

Answer: B

Explanation: Six sharpeners make three groups of two sharpeners, so the pencil is 3 erasers long.

Q13. What should be the number on the next bottle?



- A. 30
- B. 36
- C. 46
- D. 26

Answer: A

Explanation: The numbers increase by 6 each time: 6, 12, 18, 24, 30.

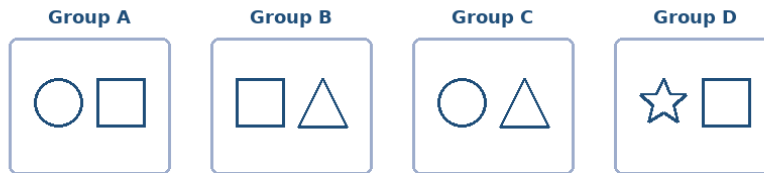
Q14. Find the odd one out among the balls.

- A. Ball 1
- B. Ball 3
- C. Ball 2
- D. Ball 4

Answer: B

Explanation: Ball 3 has a different marking pattern from the other balls.

Q15. Which shape will fit into the missing part?



- A. Small square
- B. Small circle
- C. Small triangle
- D. Star

Answer: C

Explanation: The missing part matches the triangle-shaped space.

Q16. Find the missing number: 5, 10, ?, 20, 25.

- A. 15
- B. 10
- C. 25
- D. 30

Answer: A

Explanation: The pattern adds 5 each time. The missing number is 15.

Q17. Find the missing number: 10, 30, 50, ?, 90.

- A. 20
- B. 70
- C. 40
- D. 60

Answer: B

Explanation: The pattern adds 20 each time. The missing number is 70.

Q18. Find the missing number: 2, 4, 6, 8, 10, ?.

- A. 5
- B. 14
- C. 12
- D. 9

Answer: C

Explanation: These are even numbers increasing by 2. The next number is 12.

Q19. Find the missing number: 3, 6, 9, ?, 15, 18.

- A. 12
- B. 10
- C. 14

D. 19

Answer: A

Explanation: The pattern adds 3 each time. The missing number is 12.

Q20. Find the missing number: 52, 57, 62, ?, 72.

A. 54

B. 56

C. 68

D. 67

Answer: D

Explanation: The pattern adds 5 each time. After 62 comes 67.

Story / Case Study Questions

Q21. Find the missing number: $31 + 18 = ?$

A. 49

B. 46

C. 51

D. 48

Answer: A

Explanation: 31 plus 18 equals 49.

Q22. Find the missing number: $25 - 13 = ?$

A. 11

B. 14

C. 12

D. 19

Answer: C

Explanation: 25 minus 13 equals 12.

Q23. Which digit is in the tens place in 196?

A. 1

B. 9

C. 6

D. 0

Answer: B

Explanation: In 196, the tens digit is 9.

Q24. Jayram had 17 candies. He gave away 5 candies. How many candies does he have now?

A. 12

B. 14

C. 13

D. 15

Answer: A

Explanation: 17 minus 5 equals 12.

Q25. Sita had 20 pencils. She gave 12 pencils to Rita. How many pencils are left with Sita?

- A. 7
- B. 6
- C. 8
- D. 9

Answer: C

Explanation: 20 minus 12 equals 8.

Reason and Assertion Questions

Q26. Ram had 8 chocolates. He gave 3 chocolates to his sister. How many chocolates are left with Ram?

- A. 4
- B. 5
- C. 7
- D. 6

Answer: B

Explanation: 8 minus 3 equals 5. The wording has been corrected from the old paper to say chocolates, not pencils.

Q27. Sunny bought 12 fresh apples. Later, 4 were rotten. How many fresh apples were left?

- A. 6
- B. 4
- C. 10
- D. 8

Answer: D

Explanation: 12 minus 4 equals 8 fresh apples.

Q28. Find the missing number: $16 + ? = 36$.

- A. 20
- B. 10
- C. 15
- D. 25

Answer: A

Explanation: 36 minus 16 equals 20.

Q29. Find the missing number: $23 - ? = 16$.

- A. 8
- B. 6
- C. 7
- D. 9

Answer: C

Explanation: 23 minus 7 equals 16.

Q30. Find the missing number: $34 - 15 = ?$

- A. 18
- B. 19
- C. 16

D. 14

Answer: B

Explanation: 34 minus 15 equals 19.

Achievers Section

Q31. Which shape has 6 sides?

- A. Square
- B. Triangle
- C. Pentagon
- D. Hexagon

Answer: D

Explanation: A hexagon has 6 sides.

Q32. Which shape has 5 sides?

- A. Square
- B. Triangle
- C. Pentagon
- D. Hexagon

Answer: C

Explanation: A pentagon has 5 sides.

Q33. Which shape has 7 sides?

- A. Octagon
- B. Heptagon
- C. Hexagon
- D. Pentagon

Answer: B

Explanation: A heptagon has 7 sides.

Q34. Apoorva has her birthday in 4 days. If today is Wednesday, on which day is her birthday?

- A. Monday
- B. Saturday
- C. Tuesday
- D. Sunday

Answer: D

Explanation: Counting four days after Wednesday gives Thursday, Friday, Saturday, Sunday.

Q35. Vijay is travelling to Mumbai by train in 3 days. If today is Sunday, on which day will he reach Mumbai?

- A. Wednesday
- B. Thursday
- C. Friday
- D. Tuesday

Answer: A

Explanation: Counting three days after Sunday gives Monday, Tuesday, Wednesday.

Answer Key Snapshot

Q	Ans	Q	Ans	Q	Ans	Q	Ans	Q	Ans
1	C	2	B	3	A	4	B	5	D
6	C	7	A	8	A	9	B	10	A
11	A	12	B	13	A	14	B	15	C
16	A	17	B	18	C	19	A	20	D
21	A	22	C	23	B	24	A	25	C
26	B	27	D	28	A	29	C	30	B
31	D	32	C	33	B	34	D	35	A