

Class 1 · Science Olympiad

Total questions 35	Total marks 40	Time 60 minutes	Negative marking None
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Each question has four options, of which only one is correct. Mark your answer on the answer sheet. The Achievers Section carries higher marks per question. The answer key with full solutions is at the end of this paper.

This is original practice material written to the Level 1 pattern. It is not a past paper and is not affiliated with SOF or any official olympiad body.

Logical Reasoning

5 questions · 1 mark each · 5 marks

Q1. Find the next number in the pattern: 4, 8, 12, 16, ____

- (A) 16 (B) 24 (C) 21 (D) 20

Q2. If today is Saturday, what day is two days after today?

- (A) Monday (B) Tuesday (C) Wednesday (D) Thursday

Q3. Which number comes just before 87?

- (A) 87 (B) 89 (C) 85 (D) 86

Q4. Count forward in 3s: 12, 15, 18, 21, ____

- (A) 25 (B) 23 (C) 27 (D) 24

Q5. Look at the pattern: circle, square, circle, square, circle, ____ . Which shape comes next?

- (A) square (B) circle (C) hexagon (D) oval

Science

25 questions · 1 mark each · 25 marks

Q6. Which of these is used to measure time?

- (A) A clock (B) A thermometer
(C) A ruler (D) A weighing scale

Q7. Which animal is known as the ship of the desert?

- (A) Horse (B) Elephant (C) Donkey (D) Camel

Q8. Which sense organ do we use to see?

- (A) The tongue (B) The nose (C) The ears (D) The eyes

Q9. Which part of a plant makes its food?

- (A) The root (B) The stem (C) The seed (D) The leaf

Q10. What should we do before eating food?

- (A) Wash our hands (B) Touch a stray animal
(C) Play in the mud (D) Nothing at all

Q11. Which part of a plant takes in water from the soil?

- (A) The flower (B) The leaf (C) The fruit (D) The root

- Q12. What falls from the clouds when it rains?
 (A) Sand (B) Water (C) Stones (D) Leaves
- Q13. Which of these is a herbivore — an animal that eats only plants?
 (A) Cow (B) Eagle (C) Lion (D) Tiger
- Q14. Which of these do we get from a hen?
 (A) Eggs (B) Wool (C) Milk (D) Honey
- Q15. Which organ helps us to breathe?
 (A) The lungs (B) The kidney (C) The heart (D) The stomach
- Q16. What do we see in the sky at night?
 (A) Clouds only (B) Rainbows only
 (C) The Moon and stars (D) The Sun only
- Q17. How many legs does an insect have?
 (A) Six (B) Four (C) Eight (D) Ten
- Q18. Which of these is a wild animal?
 (A) Hen (B) Cow (C) Lion (D) Goat
- Q19. Which sense organ do we use to smell?
 (A) The skin (B) The tongue (C) The nose (D) The ear
- Q20. Which of these is a vegetable?
 (A) Banana (B) Apple (C) Carrot (D) Mango
- Q21. Which of these animals lays eggs?
 (A) Cow (B) Hen (C) Cat (D) Dog
- Q22. Which sense organ do we use to taste?
 (A) The eyes (B) The hands (C) The nose (D) The tongue
- Q23. Which animal gives us wool?
 (A) Goat (B) Hen (C) Sheep (D) Cow
- Q24. Where does a bird usually keep its eggs?
 (A) In a burrow (B) In a nest (C) In a web (D) In a hive
- Q25. Which of these animals lives in water?
 (A) Dog (B) Fish (C) Cow (D) Goat
- Q26. How many legs does a dog have?
 (A) Eight (B) Six (C) Four (D) Two
- Q27. Which of these helps us keep our teeth clean?
 (A) A toothbrush (B) A spoon (C) A comb (D) A pencil
- Q28. What is ice made of?
 (A) Frozen milk (B) Frozen sand (C) Frozen air (D) Frozen water

Q29. Which of these animals has a trunk?

- (A) Deer (B) Horse (C) Elephant (D) Tiger

Q30. Which of these is used to grow plants at home?

- (A) Glass in a pot (B) Paper in a pot
(C) Soil in a pot (D) Plastic in a pot

Achievers Section

5 questions · 2 marks each · 10 marks

Q31. Choose the correct form: "The ____ playing in the park." (use the plural of 'woman')

- (A) woman are (B) women is (C) womans are (D) women are

Q32. There are 4 boxes with 11 oranges in each box. If 24 oranges are eaten, how many are left?

- (A) 20 (B) 44 (C) 17 (D) 23

Q33. Choose the correct form: "The ____ playing in the park." (use the plural of 'child')

- (A) children are (B) child are (C) childs are (D) children is

Q34. There are 3 boxes with 6 samosas in each box. If 2 samosas are eaten, how many are left?

- (A) 19 (B) 18 (C) 13 (D) 16

Q35. Choose the correct form: "The ____ playing in the park." (use the plural of 'city')

- (A) city are (B) cities are (C) citys are (D) cities is

Answer Key

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

Solutions

Q1. (D) Each number is 4 more than the one before it, so the next is $16 + 4 = 20$.

Q2. (A) Counting 2 day(s) on from Saturday gives Monday.

Q3. (D) The number just before 87 is 86.

Q4. (D) Adding 3 to 21 gives 24.

Q5. (A) The pattern repeats circle then square over and over, so after circle comes square.

Q6. (A) A clock measures time.

Q7. (D) The camel can travel long distances across the desert with very little water.

Q8. (D) We see with our eyes. The answer is The eyes.

Q9. (D) Leaves make food by photosynthesis, using sunlight, water and carbon dioxide. The answer is The leaf.

- Q10. (A) Washing hands before eating keeps germs away. The answer is Wash our hands.
- Q11. (D) Roots absorb water and minerals from the soil and hold the plant firmly in place. The answer is The root.
- Q12. (B) Rain is water falling from the clouds.
- Q13. (A) A cow eats only plants, so it is a herbivore. Lions, tigers and eagles eat meat.
- Q14. (A) Hens lay eggs.
- Q15. (A) The lungs take in oxygen from the air and give out carbon dioxide.
- Q16. (C) At night we can see the Moon and the stars. The answer is The Moon and stars.
- Q17. (A) All insects have six legs. Spiders, which have eight, are not insects.
- Q18. (C) A lion lives in the wild; the others are domestic animals.
- Q19. (C) The nose is the sense organ for smell.
- Q20. (C) A carrot is a vegetable; the others are fruits.
- Q21. (B) A hen lays eggs. Cows, dogs and cats give birth to young ones.
- Q22. (D) We taste with our tongue. The answer is The tongue.
- Q23. (C) Wool is cut from the coat of a sheep in a process called shearing.
- Q24. (B) Birds lay their eggs in a nest.
- Q25. (B) A fish lives in water and breathes through gills.
- Q26. (C) A dog has four legs.
- Q27. (A) We clean our teeth with a toothbrush.
- Q28. (D) Ice is water that has frozen solid. The answer is Frozen water.
- Q29. (C) The elephant has a long trunk.
- Q30. (C) Plants grow in soil, which holds water and nutrients. The answer is Soil in a pot.
- Q31. (D) The plural of 'woman' is 'women', and a plural subject takes 'are', so the answer is "women are".
- Q32. (A) $4 \times 11 = 44$ oranges in all, and $44 - 24 = 20$ are left.
- Q33. (A) The plural of 'child' is 'children', and a plural subject takes 'are', so the answer is "children are".
- Q34. (D) $3 \times 6 = 18$ samosas in all, and $18 - 2 = 16$ are left.
- Q35. (B) The plural of 'city' is 'cities', and a plural subject takes 'are', so the answer is "cities are".

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