

Class 3 · 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. Which letter comes next? A, D, G, J, ____

- (A) P (B) N (C) L (D) M

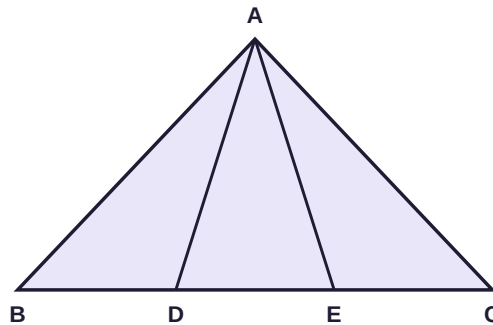
Q2. Count backward in 5s: 45, 40, 35, 30, ____

- (A) 30 (B) 20 (C) 26 (D) 25

Q3. Find the odd one out: 18, 27, 45, 55, 63

- (A) 18 (B) 27 (C) 55 (D) 63

Q4. How many triangles are there in the given figure?



- (A) 6 (B) 7 (C) 8 (D) 5

Q5. In the first row the numbers are 4, 5 and 20. In the second row they are 2, 6 and 12. In the third row they are 6, 3 and ____ . The same rule applies to every row.

- (A) 18 (B) 19 (C) 20 (D) 17

Science

25 questions · 1 mark each · 25 marks

Q6. Which sense organ do we use to hear?

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

Q7. Which gas in the air do we need to breathe?

- (A) Helium (B) Carbon dioxide
(C) Nitrogen (D) Oxygen

Q8. Which of these is a vegetable?

- (A) Mango (B) Banana (C) Apple (D) Carrot

- Q9. Which part of the body controls all our actions and thoughts?
(A) The stomach (B) The brain (C) The heart (D) The lungs
- Q10. Which season is the hottest in India?
(A) Spring (B) Winter (C) Summer (D) Monsoon
- Q11. Which animal gives us wool?
(A) Goat (B) Sheep (C) Cow (D) Hen
- Q12. Where does a bird usually keep its eggs?
(A) In a web (B) In a nest (C) In a hive (D) In a burrow
- Q13. Which sense organ do we use to smell?
(A) The tongue (B) The ear (C) The skin (D) The nose
- Q14. Which of these helps us keep our teeth clean?
(A) A spoon (B) A pencil (C) A comb (D) A toothbrush
- Q15. Which organ pumps blood around the body?
(A) The liver (B) The brain (C) The heart (D) The lungs
- Q16. Which sense organ do we use to taste?
(A) The eyes (B) The nose (C) The tongue (D) The hands
- Q17. How many planets are there in our solar system?
(A) Ten (B) Seven (C) Nine (D) Eight
- Q18. Which of these is a means of transport?
(A) Bus (B) Spoon (C) Pillow (D) Table
- Q19. Which part of a plant takes in water from the soil?
(A) The leaf (B) The root (C) The fruit (D) The flower
- Q20. Which insect makes honey?
(A) Spider (B) Ant (C) Bee (D) Fly
- Q21. Which of these animals lays eggs?
(A) Cow (B) Hen (C) Cat (D) Dog
- Q22. How many legs does a dog have?
(A) Six (B) Four (C) Eight (D) Two
- Q23. Which of these is a herbivore — an animal that eats only plants?
(A) Eagle (B) Cow (C) Tiger (D) Lion
- Q24. Which of these animals has a trunk?
(A) Deer (B) Tiger (C) Horse (D) Elephant
- Q25. Which planet is nearest to the Sun?
(A) Earth (B) Mars (C) Venus (D) Mercury

Q26. What should we do before eating food?

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

Q27. What do we call animals that are active at night?

- (A) Aquatic animals (B) Herbivores
(C) Nocturnal animals (D) Amphibians

Q28. Which of these is a healthy food?

- (A) Cold drink (B) Fried chips (C) Candy (D) Fruit

Q29. Which part of a plant makes its food?

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

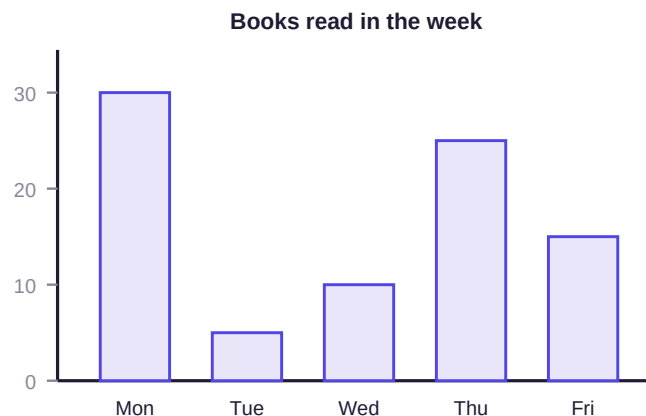
Q30. How many teeth sets do humans get in a lifetime?

- (A) Two (B) One (C) Four (D) Three

Achievers Section

5 questions · 2 marks each · 10 marks

Q31. The bar graph shows the number of books read by a class on each day of one week. How many books were read in the whole week?



- (A) 90 (B) 85 (C) 80 (D) 95

Q32. There are 6 boxes with 7 apples in each box. If 3 apples are eaten, how many are left?

- (A) 42 (B) 36 (C) 39 (D) 40

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

- (A) boxes is (B) boxes are (C) box are (D) boxs are

Q34. Using each of the digits 6, 7, 3, 0 exactly once, what is the smallest 4-digit number that can be formed?

- (A) 0367 (B) 3067 (C) 3076 (D) 7630

Q35. A country's flag has saffron on top, white in the middle with a blue wheel, and green at the bottom. Which country is it?

- (A) Italy (B) Ireland (C) Niger (D) India

Answer Key

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

Solutions

- Q1. (D) Each letter moves 3 place(s) forward in the alphabet, so after J comes M.
- Q2. (D) Subtracting 5 from 30 gives 25.
- Q3. (C) Every other number is a multiple of 9. 55 is not.
- Q4. (A) Every triangle has apex A and two of the 4 base points as its other corners. Choosing 2 from 4 gives 6 triangles.
- Q5. (A) The rule is: multiply the two numbers. Check: 4, 5 gives 20 and 2, 6 gives 12; so 6, 3 gives 18.
- Q6. (D) We hear with our ears. The answer is The ears.
- Q7. (D) We breathe in oxygen and breathe out carbon dioxide.
- Q8. (D) A carrot is a vegetable; the others are fruits.
- Q9. (B) The brain is the control centre of the body.
- Q10. (C) Summer is the hottest season.
- Q11. (B) Wool is cut from the coat of a sheep in a process called shearing.
- Q12. (B) Birds lay their eggs in a nest.
- Q13. (D) The nose is the sense organ for smell.
- Q14. (D) We clean our teeth with a toothbrush.
- Q15. (C) The heart pumps blood to every part of the body.
- Q16. (C) We taste with our tongue. The answer is The tongue.
- Q17. (D) There are eight planets, from Mercury to Neptune.
- Q18. (A) A bus carries people from place to place.
- Q19. (B) Roots absorb water and minerals from the soil and hold the plant firmly in place. The answer is The root.
- Q20. (C) Honey bees make honey in their hive.
- Q21. (B) A hen lays eggs. Cows, dogs and cats give birth to young ones.
- Q22. (B) A dog has four legs.
- Q23. (B) A cow eats only plants, so it is a herbivore. Lions, tigers and eagles eat meat.
- Q24. (D) The elephant has a long trunk.
- Q25. (D) Mercury is the closest planet to the Sun.
- Q26. (A) Washing hands before eating keeps germs away. The answer is Wash our hands.
- Q27. (C) Animals such as owls and bats that are active at night are called nocturnal. The answer is Nocturnal animals.
- Q28. (D) Fruit gives us vitamins and keeps us healthy.

Q29. (A) Leaves make food by photosynthesis, using sunlight, water and carbon dioxide. The answer is The leaf.

Q30. (A) We get milk teeth first and then permanent teeth, so two sets.

Q31. (B) $30 + 5 + 10 + 25 + 15 = 85$ books.

Q32. (C) $6 \times 7 = 42$ apples in all, and $42 - 3 = 39$ are left.

Q33. (B) The plural of 'box' is 'boxes', and a plural subject takes 'are', so the answer is "boxes are".

Q34. (B) A 4-digit number cannot begin with 0, so the smallest possible first digit is 3. The remaining digits are then placed in increasing order: 3067.

Q35. (D) That describes the Indian tricolour with the Ashoka Chakra in the white band.

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