STUDENT COPY · SET A

Class 3 · Science Olympiad

Total questions	Total marks	Time	Negative marking
35	40	60 minutes	None

Name: _____ Class/Section: _____ Roll no: _____

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. Your teacher has the answers.
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Logical Reasoning

5 questions · 1 mark each · 5 marks

Q1. Arjun walks 9 m towards north, turns right and walks 2 m, then turns right again and walks 9 m. How far is Arjun from the starting point, and in which direction?

(A) 11 m, North (B) 2 m, West (C) 2 m, East (D) 9 m, East

Q2. All but one of these numbers are multiples of the same number. Find the one that is not: 34, 36, 54, 72, 90

(A) 54 (B) 72 (C) 90 (D) 34

Q3. Look at the pattern: star, circle, star, circle, star, ___ . Which shape comes next?

(A) star (B) oval (C) hexagon (D) circle

Q4. Count backward in 5s: 65, 60, 55, 50, ___

(A) 46 (B) 50 (C) 40 (D) 45

Q5. Which letter comes next? D, F, I, M, ___

(A) S (B) R (C) Q (D) P

Science

25 questions · 1 mark each · 25 marks

Q6. A toy car moves when pushed, but a seed grows after getting water. Which sign shows the seed is living?

(A) It grows by itself (B) It is kept in a pot

(C) It can be pushed along (D) It has a fixed shape

Q7. Which organ pumps blood around the body?

(A) The heart (B) The brain (C) The lungs (D) The liver

Q8. In the morning, the Sun is in the east. A tree's shadow will fall mainly towards the...

(A) East (B) West (C) North (D) South

Q9. Which gas in the air do we need to breathe?

(A) Nitrogen (B) Oxygen

(C) Carbon dioxide (D) Helium

Q10. While cycling, Amit sees a stone and quickly turns the handle. Which organ helped him decide what to do?

(A) Lungs (B) Stomach (C) Kidneys (D) Brain

Q11. What is the process of water changing into vapour called?

(A) Evaporation (B) Melting (C) Condensation (D) Freezing

Q12. A child wants to eat the part of a plant that stores seeds inside it. Which should she choose?

(A) Carrot (B) Potato (C) Tomato (D) Spinach

Q13. Which force pulls objects towards the Earth?

(A) Magnetism (B) Gravity (C) Friction (D) Pressure

Q14. Which set has only non-living things that may still move when force is used?

(A) ball, puppy, kite (B) snail, bicycle, swing

(C) seed, snail, bicycle (D) ball, bicycle, swing

Q15. Which of these materials is attracted by a magnet?

(A) Paper (B) Cloth (C) Glass (D) Iron

Q16. A book is held between a torch and a wall. Which change will make the shadow on the wall smaller?

(A) Use a bigger book (B) Put the wall behind the torch

(C) Move the book nearer the wall (D) Move the book nearer the torch

Q17. How many planets are there in our solar system?

(A) Eight (B) Nine (C) Seven (D) Ten

Q18. A bird has a short hard beak and feet for perching on branches. Which food is it most suited to eat?

(A) Fish (B) Flesh (C) Seeds (D) Nectar

Q19. Which organs help us to breathe?

(A) The lungs (B) The heart (C) The kidney (D) The stomach

Q20. Which is a natural source of water, not a storage place made by people?

(A) Tap (B) Bucket (C) River (D) Tank

Q21. Which liquid helps digest food in the mouth?

(A) Bile (B) Saliva (C) Sweat (D) Blood

Q22. Before eating a guava bought from a stall, what is the safest first step?

(A) Wash it with clean water (B) Wipe it on clothes

(C) Smell it carefully (D) Keep it in sunlight

Q23. How many legs does an insect have?

(A) Six (B) Eight (C) Ten (D) Four

Q24. A plant kept with its leaves covered becomes weak though its roots get water. Which part could not do its job of making food?

(A) roots (B) flowers (C) leaves (D) stems

Q25. Which planet is known as the Red Planet?

(A) Saturn (B) Jupiter (C) Mars (D) Venus

Q26. When it is night in your town, another place on Earth can have daytime. Which idea best explains this?

(A) Earth is round and rotates (B) Clouds hide every sunrise

(C) Sun moves under Earth (D) Moon gives the daytime

Q27. Water freezes into ice at which temperature?

(A) 100°C (B) 0°C (C) -100°C (D) 10°C

Q28. A wet dupatta dries faster on a windy day than in a closed room. What does moving air do?

(A) Turns vapour to drops (B) Speeds up drying

(C) Keeps drying the same (D) Slows down drying

Q29. Which part of a plant takes in water from the soil?

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

Q30. Which action is safest if the smell of cooking gas is noticed in the kitchen?

(A) Shut every window (B) Switch on the fan

(C) Tell an adult at once (D) Light a match to check

Achievers Section

5 questions · 2 marks each · 10 marks

Q31. While eating, Kabir has a blocked nose and says the food seems less tasty. Which sense organ is not helping him properly?

(A) Nose (B) Ear (C) Skin (D) Tongue

Q32. When Aarav has a cold, his favourite food tastes dull though his tongue is fine. Which sense organ is mainly causing this change?

(A) Skin (B) Tongue (C) Nose (D) Ears

Q33. During a race, Anu breathes faster and her chest moves more. Which organ is taking in more air to help her body work?

(A) Stomach (B) Lungs (C) Heart (D) Brain

Q34. Nisha keeps a bean plant near a window. After a few days, its stem bends towards the window. Which feature of living things is shown?

(A) Taking support from soil (B) Making a dark shadow

(C) Losing water from leaves (D) Responding to light

Q35. Four children plant seeds. In which place will a soaked gram seed most likely NOT grow into a seedling?

(A) On wet cloth near a window (B) In moist soil in a pot

(C) On dry cotton in a box (D) In damp sawdust in a tray

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