STUDENT COPY · SET B

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. Which letter comes next? A, D, G, J, ___

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

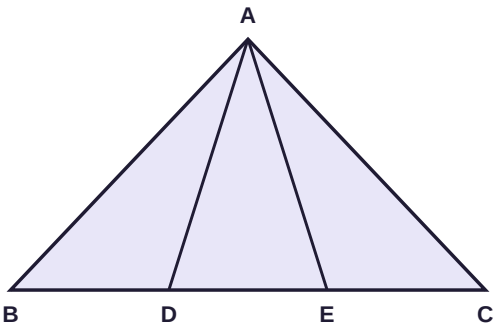
Q2. Count backward in 5s: 45, 40, 35, 30, ___

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

Q3. All but one of these numbers are multiples of the same number. Find the one that is not: 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. A bird that cracks hard seeds needs which beak?

(A) short, strong beak (B) broad, flat beak

(C) thin, probing beak (D) long, tube-like beak

Q7. A squirrel has sharp front teeth and eats nuts. Which food would its teeth help it eat best?

(A) flower nectar (B) tiny insects

(C) soft leaves (D) hard seeds

Q8. Which part of the body controls all our actions and thoughts?

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

Q9. Which is NOT a natural source of water?

(A) Lake (B) River (C) Tap (D) Rain

Q10. Which animal gives us wool?

(A) Buffalo (B) Sheep (C) Cow (D) Hen

Q11. Which sense organ do we use to smell?

(A) The tongue (B) The ear (C) The skin (D) The nose

Q12. Neha eats dal, roti, curd and salad instead of only roti. Why is this meal better?

(A) It gives no water (B) It gives no energy

(C) It gives only starch (D) It gives different nutrients

Q13. Which object will make the darkest shadow when held before a torch?

(A) Tracing paper (B) Glass tumbler

(C) Steel plate (D) Clear plastic sheet

Q14. Neha smells gas near the kitchen stove. What should she do first?

(A) Close the windows and wait (B) Light a match to check the stove

(C) Tell an adult; do not use switches (D) Switch on the fan quickly

Q15. Which of these animals lays eggs?

(A) Cow (B) Hen (C) Cat (D) Dog

Q16. Which lunchbox is most balanced for a school day?

(A) Sweets and fried puri (B) Chapati, dal, vegetable and curd

(C) Noodles and potato chips (D) Rice and pickle only

Q17. Which of these is a herbivore — an animal that eats only plants?

(A) Eagle (B) Cow (C) Tiger (D) Lion

Q18. Which planet is nearest to the Sun?

(A) Earth (B) Mars (C) Venus (D) Mercury

Q19. What do we call animals that are active at night?

(A) Aquatic animals (B) Herbivores

(C) Nocturnal animals (D) Amphibians

Q20. Which food chain is most sensible for these animals: grass, goat, tiger?

(A) Grass → tiger → goat
(B) Tiger → grass → goat
(C) Goat → grass → tiger
(D) Grass → goat → tiger

Q21. Which part of a plant makes its food?

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

Q22. A bird has a strong, curved beak and sharp claws. Which food is it most suited to eat?

(A) Small animals
(B) Soft grains
(C) Floating plants
(D) Flower nectar

Q23. When Sima waves a paper fan, her hair moves though the fan does not touch it. What reaches her hair?

(A) dark shadow
(B) cool water
(C) moving air
(D) bright light

Q24. Which lunch gives energy, body-building food and protective food together?

(A) Only paratha with pickle
(B) Roti, dal, vegetable and curd
(C) Rice, potato, sugar and ghee
(D) Bread, jam, chips and sweet

Q25. It is night in Jaipur while another side of Earth has day. What explains this?

(A) Earth turns on its axis
(B) The Moon makes its own day
(C) Earth stops near the Moon
(D) Sunlight becomes weak at night

Q26. Which animal is known as the ship of the desert?

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

Q27. Riya keeps a toy car and a snail on a table. Which observation would prove the snail is living but the toy car is not?

(A) It makes a shadow
(B) It becomes wet in rain
(C) It grows and needs food
(D) It moves when pushed

Q28. Where do fish take in oxygen from water?

(A) Through their scales
(B) Through their tail
(C) Through their fins
(D) Through their gills

Q29. What is the natural satellite of the Earth called?

(A) Mars
(B) The Sun
(C) A comet
(D) The Moon

Q30. Aman touches a hot cup and quickly pulls back his hand. Which organ helped him feel the heat first?

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

Achievers Section

5 questions · 2 marks each · 10 marks

Q31. A school plants grass on a bare slope before monsoon. Which plant part mainly stops the soil from being washed away?

(A) Flowers
(B) Roots
(C) Leaves
(D) Fruits

Q32. A candle, a toy and a wall are in one line. The toy is moved nearer to the candle while the wall stays fixed. How will the toy's shadow change?

(A) It will vanish fully
(B) It will become smaller
(C) It will become bigger
(D) It will remain same

Q33. Two same balloons are tied to a stick balance. One is full of air and one is empty. The air-filled side goes down. What does this show?

(A) Air has shape of its own
(B) Air has weight
(C) Air has colour
(D) Air has smell

Q34. Mina notices a broken electric wire lying on a wet road. What is the safest action?

(A) Push it aside with a stick
(B) Pour sand on the wire
(C) Step over it carefully
(D) Stay away and inform an adult

Q35. A bird has long legs and a long pointed beak. It stands in shallow water and quickly catches its food. What is it best suited to eat?

(A) Worms under tree bark
(B) Hard grains on land
(C) Nectar inside flowers
(D) Small fish in water

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