

Grade
4

S-CAT Assessment Round Sample Question Paper

Return the answer sheet along with question paper to the invigilator at the end of the exam.



TOTAL MARKS
100



QUESTIONS
50



DURATION
60 mins

Instructions for Student:

- Read the question carefully before answering.
- Each question has 4 options (A, B, C & D).
- Choose one correct option as your answer, from the 4 options.
- Every question carries 2 marks.
- On the answer sheet blacken the correct option against the corresponding question number,

The Correct Method

Q.	Answer
1	(A) (B) ● (D)

The Wrong Methods

Q.	Answer
1	(A) ● ● (D)
1	(A) (B) ● (D)
1	(A) (B) ✓ (D)
1	(A) (B) ✗ (D)

- Use pencil to mark your answer.
- If you wish to change your answer, erase the previous mark completely.

- 1. What is the main function of the leaves in a plant?**
 - a. To absorb sunlight
 - b. To produce flowers and fruits
 - c. To anchor the plant in the ground
 - d. To transport water and nutrients
- 2. What is hibernation?**
 - a. A state of long deep sleep-in animals to save energy during winter.
 - b. A process of rapid cell division in plants to promote growth.
 - c. A method of water conservation in desert animals.
 - d. A method of reproduction in plants.
- 3. What is the special organ that helps fish breathe underwater?**
 - a. Lungs
 - b. Gills
 - c. Fins
 - d. Flippers
- 4. Deepensha is experimenting to find which of the following things is soluble in water. Predict which of the given things will be soluble in water.**
 - a. Salt
 - b. Oil
 - c. Dust
 - d. Chalk powder
- 5. Which of these food groups is mainly responsible for protecting us from diseases?**
 - a. Carbohydrates
 - b. Proteins
 - c. Fats
 - d. Vitamins
- 6. What should we do with biodegradable waste like vegetable peels?**
 - a. Recycle them to make new products.
 - b. Compost them to turn them into nutrient-rich soil.
 - c. Throw them with plastic wrappers.
 - d. Eat them.
- 7. Which of these helps us remove carbon dioxide produced in our bodies?**
 - a. Liver
 - b. Lungs
 - c. Kidneys
 - d. Bladder
- 8. Raj noticed ice cubes floating in his glass of water. What does this tell us about ice?**
 - a. Ice is heavier than water.
 - b. Ice is the same as water.
 - c. Ice is lighter than water.
 - d. Ice changes when it's in water.

9. Which part of the plant helps it carry water, nutrients, and food?

- a. Roots
- b. Leaves
- c. Stem
- d. Flowers

10. Read the statements below and choose the correct option.

Statement 1: The leaves of cactus are modified into tiny, sharp, and pointed spines.

Statement 2: The leaves of conifers like pine are modified into needle-shaped leaves with a waxy coat.

- a. Both 1 and 2 are true.
- b. Only 1 is true.
- c. Only 2 is true
- d. Both 1 and 2 are false.

11. How does drinking water help our body?

- a. It helps us grow taller.
- b. It gives us energy.
- c. It makes us fat.
- d. It helps our internal organs function properly.

12. When Vikram left his wet clothes outside on a sunny day, they dried quickly. Which process was responsible for drying the clothes?

- a. Condensation
- b. Sublimation
- c. Evaporation
- d. Freezing

13. Which of these is NOT an aquatic plant?

- a. Lotus
- b. Hyacinth
- c. Sundew
- d. Vallisneria

14. Rohit has poor eyesight and struggles to see in the dark. Which nutrient might he be deficient in?

- a. Vitamin A
- b. Vitamin C
- c. Calcium
- d. Iron

15. The undigested waste is collected and stored in which part of the digestive system?

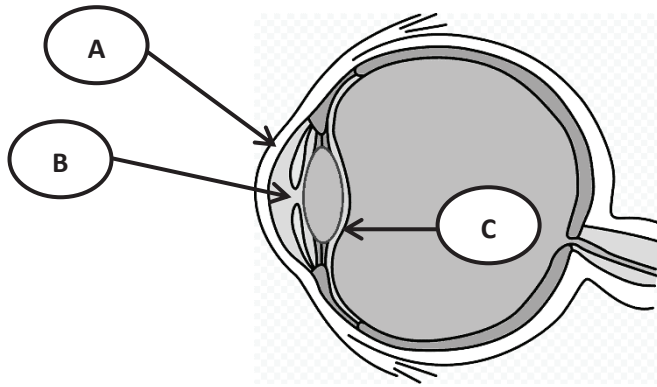
- a. Small intestine
- b. Liver
- c. Anus
- d. Rectum

16. Choose the statement that is NOT correct.

- a. The part of the tooth hidden beneath the gum line is the root.
- b. The part of the tooth that can be seen above the gum is the crown.
- c. Gums are purple-coloured hard substances found beneath the tooth.
- d. The pulp is the innermost part of the tooth.

- 17. Rohan was blowing up a balloon and noticed it getting larger. What does this tell us about the air inside the balloon?**
- Air has no weight.
 - Air does not occupy space.
 - Air occupies space.
 - Air is invisible.
- 18. What is the name for the wind that blows from the sea towards the land?**
- Sea Breeze
 - Land Breeze
 - Warm Breeze
 - Cool Breeze
- 19. Which of these shows the process of excretion correctly?**
- Ureter – Kidney – Urethra – Bladder
 - Kidney – Ureters – Bladder – Urethra
 - Kidney – Bladder – Ureters – Urethra
 - Kidney – Urethra – Ureters – Bladder
- 20. Why do astronauts carry oxygen masks?**
- Because oxygen is needed by plants.
 - Because oxygen is necessary for burning things.
 - Because there is no air in space.
 - Because there is impure air in space.
- 21. Which property of water allows us to see our reflection in a clean river?**
- Transparency
 - Density
 - Solubility
 - Opacity
- 22. _____ is the process of breaking down food into smaller parts that can be used by the body for energy, growth, and repair.**
- Digestion
 - Excretion
 - Circulation
 - Respiration
- 23. Which pollution is caused by burning fossil fuels and emissions from vehicles?**
- Air pollution
 - Water pollution
 - Land pollution
 - Noise pollution
- 24. Amit accidentally left a bottle of water in the freezer overnight. In the morning, he found it frozen solid. What is the temperature of the water in the bottle now?**
- 100 degrees Celsius
 - 0 degrees Celsius
 - 37 degrees Celsius
 - 2 degrees Celsius

25. Choose the option that correctly labels the parts of the human eye.



- a. A-Cornea, B-Iris, C-Lens
- b. A-Iris, B-Lens, C-Retina
- c. A-Retina, B-Pupil, C-Lens
- d. A-Cornea, B-Lens, C-Pupil

26. Pick the odd one out.

- a. Frog
- b. Crocodile
- c. Duck
- d. Fish

27. The process of losing water in the form of water vapour through the stomata in leaves is called _____.

- a. transpiration
- b. photosynthesis
- c. germination
- d. pollination

28. What happens to the size of a shadow if the distance between the light source and the object decreases?

- a. The shadow becomes smaller.
- b. The shadow becomes larger.
- c. The shadow disappears.
- d. The shadow stays the same size.

29. Why do we not see solar and lunar eclipses every month?

- a. The sun, moon, and earth must be in a straight line.
- b. The moon is always in front of the sun.
- c. The Earth's shadow is too small.
- d. The moon does not shine every month.

30. If a rope of 3 meters 48 centimetres in length is cut into three equal pieces, what will be the length of each piece?

- a. 116 cm
- b. 148 cm
- c. 132 cm
- d. 174 cm

31. Rohan fell and hurt his knee. Which of these plants could you use to treat his knee scrape?

- a. Neem
- b. Tulsi
- c. Turmeric
- d. Ginger

32. Which of these does NOT tell the importance of plants?

- a. Plants need adequate water, sunlight, space, and nutrients.
- b. Plants provide a habitat for many animals.
- c. Plants provide us with the oxygen we breathe.
- d. The roots of plants play a crucial role in preventing soil erosion.

33. Which simple machine helps us lift heavy objects using a wheel and a rope or chain?

- a. Wedge
- b. Pulley
- c. Lever
- d. Inclined Plane

34. Natasha planted a seed in a pot of moist soil and placed it in a shady corner of her room. However, after several days, the seed failed to sprout. What was lacking in Natasha's experimental setup?

- a. Warmth
- b. Sunlight
- c. Air
- d. Fertilizer

35. Which food group should be eaten in the smallest amount?

- a. Vegetables
- b. Sweets and snacks
- c. Grains
- d. Dairy

36. Which force pulls things towards the ground?

- a. Magnetic force
- b. Gravitational force
- c. Applied Force
- d. Contact Force

37. A bucket holds 3000 millilitres of water. How many litres is that?

- a. 30 L
- b. 3 L
- c. 300 L
- d. 0.3 L

38. What is a balanced diet?

- a. Eating only fruits and vegetables
- b. Eating the same food every day
- c. Eating a variety of foods from different food groups
- d. Eating only sweets and snacks

39. While playing Carrom, Ritu sprinkles more powder on the board. What will happen as a result?

- a. The smoother surface will reduce friction so that the striker and the coins move easily.
- b. The rougher surface will reduce friction so that the striker and the coins move easily.
- c. The smoother surface will increase friction so that the striker and the coins move easily.
- d. The rougher surface will increase friction so that the striker and the coins move easily.

40. Which of these tools is used to measure the length of paper?

- a. Ruler
- b. Thermometer
- c. Weighing scale
- d. Measuring cup

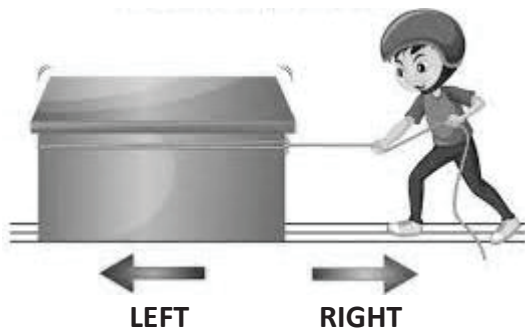
41. Neetu has mixed chalk powder in water. Which of these methods can she use to separate the two things?

- a. Evaporation
- b. Decantation
- c. Filtration
- d. Magnetic Separation

42. Which state of matter has a definite shape and a definite volume?

- a. Solid
- b. Liquid
- c. Gas
- d. None

43. Look at the picture. In which direction is the force of friction acting?



- a. Towards the left
- b. Towards the right
- c. Downwards
- d. Upwards

44. After harvesting grain crops, farmers beat the dry stalks on the ground to separate the grains from the husk. Which method is this?

- a. Threshing
- b. Handpicking
- c. Sieving
- d. Winnowing



45. What is the common use of an inclined plane in daily life?

- a. To lift a box directly upwards
- b. To drive a car on a flat road
- c. To roll a wheelchair up a ramp
- d. To swing a pendulum

46. Why is an increase in non-biodegradable waste bad for the earth?

- a. It attracts pests.
- b. It can be recycled easily.
- c. It breaks down naturally.
- d. It stays in the environment for a long time.

47. Which of these objects will NOT float in water?

- a. Iron nail
- b. Balloon
- c. Wooden spoon
- d. Ice cube

48. The process in which water vapour cools to form water droplets is known as _____.

- a. melting
- b. condensation
- c. evaporation
- d. sublimation

49. Which of these is NOT an excretory disorder?

- a. Kidney stones
- b. Bedwetting
- c. Constipation
- d. Incontinence

50. Why do polar bears have black skin?

- a. To store water
- b. To absorb heat
- c. To absorb nutrients
- d. To stay cool

