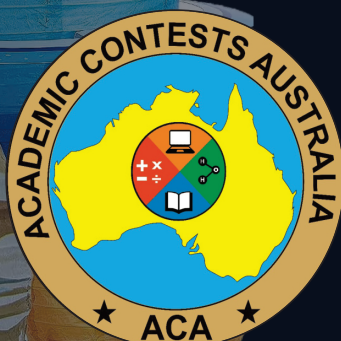




QUESTION BOOKLET 2025



International
FSP



Science Contest Volume-19



GRADE 3 & 4

VIBRANT YOUNGSTERS

Time Allowed : 75 Minutes
Maximum Marks : 75

WRITTEN DIRECTIONS FOR THE CONTEST

- 1) Wait till the invigilator gives the all-clear before beginning the contest.
- 2) Examine your name, father's name, school name, address, and other details one last time on the bubble sheet and answer page.
- 3) Only record your responses on the bubble sheet. Choose the best response from the four alternatives provided, and only one option should be marked per question.
- 4) Fill in the circles on the bubble sheet with blue or black ink; lead pencils are not permitted.
- 5) It is completely forbidden to use any kind of assistance, including cell phones and technological devices.
- 6) Three points are awarded for each right response. Negative marking would occur. A single point would be subtracted for each wrong response.
- 7) No justification may be given for an unaccompanied candidate to leave the examination room, including to use the restroom.
- 8) No objects, including electrical devices, are allowed within the room.
- 9) The competition is divided into the following five categories:
 - A) Vibrant youngsters Grade 1 & 2
 - B) Vibrant youngsters Grade 3 & 4
 - C) Vibrant youngsters Grade 5 & 6
 - D) Vibrant youngsters Grade 7 & 8
 - E) Vibrant youngsters Grade 9 & 10 / 0-levels
- 10) The contest is only open to enrolled students.
- 11) No candidate may remove any provided materials, including answer books, from the hall, even if they are partially filled in or utilized.
- 12) Neither the examiner nor the invigilator may respond if a participant does not understand a word or phrase on the exam paper.
- 13) Please visit www.fspcompetitions.org to learn about future competitions or to offer insightful comments.
- 14) Vibrant youngsters FSP must receive reports of any academic misconduct or malpractice at info@fspcompetitions.org.

The Sun is a huge ball of hot gases that gives off heat and light energy. It is the main source of energy for our planet. Without the Sun, there would be no life on Earth. The Sun appears bigger and brighter than other stars because it is much closer to us than the other stars in space.

Q 1. What type of celestial body is the Sun?

- A** Planet
- B** Moon
- C** Star
- D** Asteroid



Q 2. Why can't we see other stars during the day?

- A** Other stars do not shine during the day
- B** The Sun's brightness overpowers the light from other stars
- C** The atmosphere blocks all other stars
- D** Other stars move away from Earth during the day

**Q 3. Which of the following is a living thing?**

- A** Fungi
- B** Plastic toy
- C** Rock
- D** Chair



Q 4. Energy can come from many sources. Some energy sources cause pollution, while others do not.

Which of the following is a non-polluting source of energy?

- A** Burning wood for cooking
- B** Running a car on petrol
- C** Using sunlight and wind to dry clothes
- D** Using a coal stove for heating



Q 5. Which of the following lists the planets in the correct order from the Sun outward?

- A** Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune, Pluto
- B** Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune,
- C** Mars, Earth, Mercury, Venus, Jupiter, Saturn, Neptune, Uranus, Pluto
- D** Earth, Mercury, Venus, Mars, Saturn, Jupiter, Uranus, Neptune



Q 6. Which type of house is designed for people who move frequently?

- A** Tent
- B** Brick house
- C** Wooden house
- D** Apartment



Q 7. Some animals protect and carry their young in their mouths to keep them safe.

Which of these animals carries its hatchlings in its jaws?

- A** Tortoise
- B** Crocodile
- C** Dolphin
- D** Rattlesnake



Q 8. What is the function of a fire truck?

- A** To extinguish fires and perform rescues
- B** To transport injured people
- C** To deliver emergency supplies
- D** To protect forests



Q 9. Which part of a beet plant is commonly eaten?

- A** Leaves
- B** Root
- C** Flowers
- D** Stem



Q 10. What condition is necessary for a shadow to form?

- A** The presence of a transparent object
- B** The presence of multiple light sources
- C** An object blocking a source of light
- D** A reflecting surface



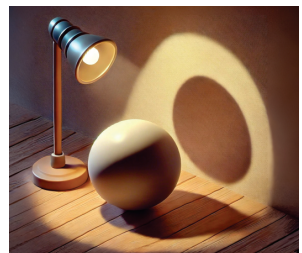
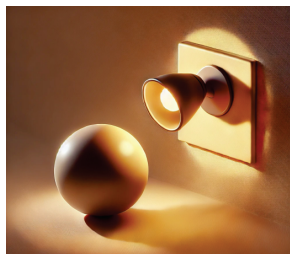
Q 11. Which material is commonly used to make objects like erasers and slippers?

- A** Metal
- B** Rubber
- C** Glass
- D** Wood



Q 12. A round ball is placed in front of a torchlight. What shape will its shadow be?

- A** Square
- B** Triangle
- C** No shadow
- D** Circular



Q 13. What do we call a group of islands located close together in a large body of water?

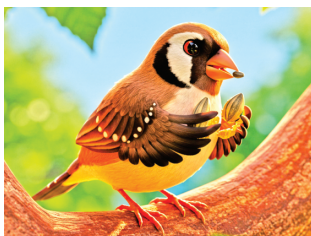
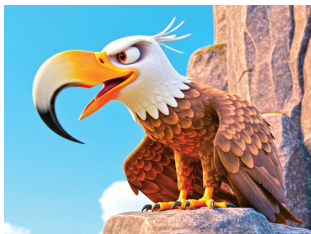
- A** Peninsula
- B** Archipelago
- C** Atoll
- D** Delta



Q 14. Birds have different types of beaks suited to their food habits.

Which type of bird beak is specialized for cracking hard seeds?

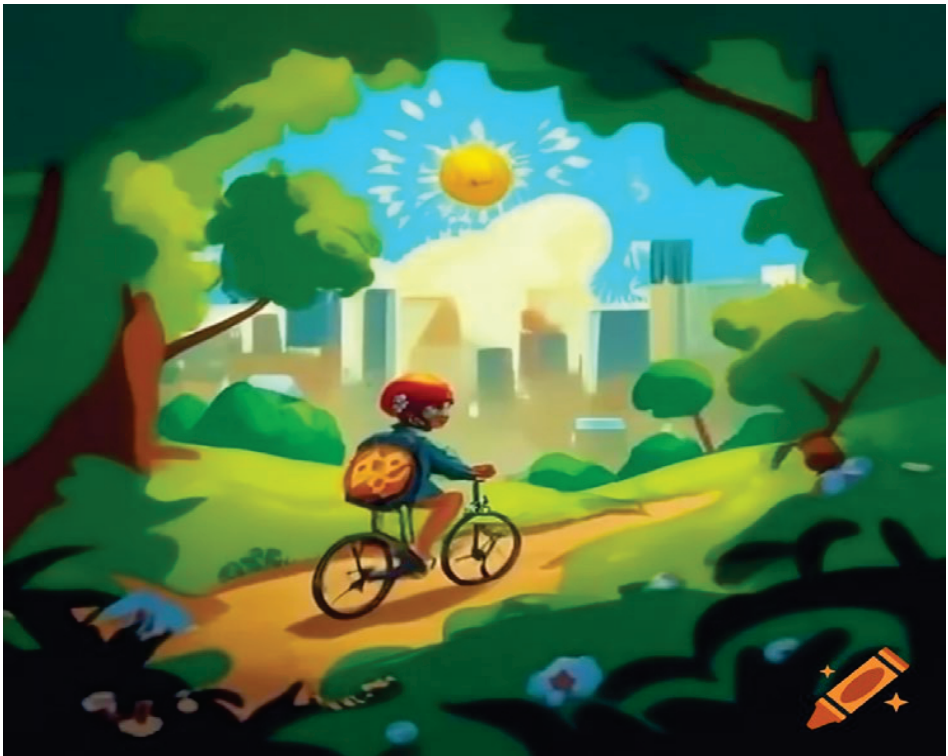
- A** Hooked beak
- B** Long, thin beak
- C** Flat, broad beak
- D** Short, thick beak



Q 15. Alia was cycling to her grandmother's house, which is on a hill. Going uphill, she had to push harder on the pedals. But on her way back, she barely needed to pedal.

Why was it harder for Alia to cycle uphill?

- A** Gravity pulls objects downward, making uphill movement difficult
- B** The air was heavier uphill
- C** Her bike was heavier on the way up
- D** Her muscles were weaker in the morning



Q 16. Emily, a curious and aspiring botanist, stumbled upon a hidden garden while exploring her new neighborhood. As she wandered through the garden, she noticed a peculiar plant with large, fleshy leaves that seemed to be closing in on themselves. The plant's owner, an old gardener, told Emily that this plant could move its leaves to capture insects for nutrition.

What type of plant was Emily likely to have encountered?

- A** Carnivorous plant
- B** Succulent plant
- C** Climbing plant
- D** Flowering plant

Q 17. Some animals chew their food, while others swallow it whole.

Which of the following animals swallows its food whole?

- A** Cow
- B** Squirrel
- C** Rabbit
- D** Snake



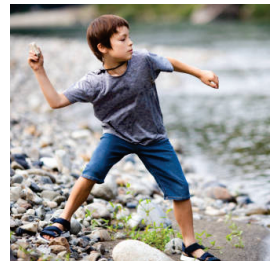
Q 18. In which of the following situations will sound **NOT** be heard?

- A** A ringing alarm clock in a closed room
- B** A bell ringing underwater
- C** An alarm clock inside a vacuum-sealed container
- D** A drum being played in an open field



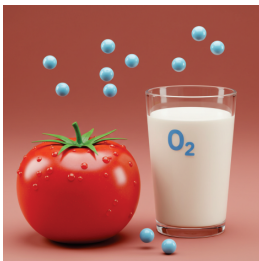
Q 19. Which of the following demonstrates that force can change the shape of an object?

- A** Kicking a ball
- B** Throwing a stone
- C** Pushing a chair
- D** Squeezing a rubber ball



Q 20. Identify the incorrect pairing of solid, liquid, and gas.

- A** Tomato, Milk, Oxygen
- B** Silver, Honey, Milk
- C** Gold, Syrup, Carbon dioxide
- D** Tomato, Juice, Nitrogen



Q 21. Which force keeps us from floating into space?

- A** Gravity
- B** Magnetic force
- C** Friction
- D** Air resistance



Q 22. Which part of a plant is responsible for making food through photosynthesis?

- A** Root
- B** Stem
- C** Leaf
- D** Flower



Q 23. Which of the following statements about safety is correct?

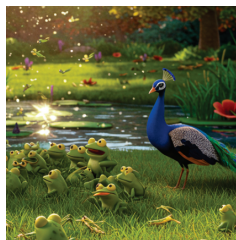
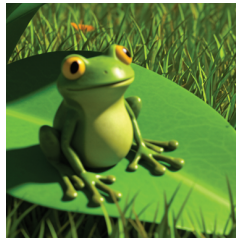
- A** Safety rules only apply on roads
- B** Cyclists should ride on the right side of the road
- C** People can walk anywhere they like
- D** Ships have safety rules, just like roads do



Q 24. A food chain consists of grass → grasshopper → frog → snake → peacock.

What happens if the snakes disappear?

- A** Frog population decreases
- B** Grasshopper population decreases
- C** Frog population increases, peacock population decreases
- D** Peacock population remains unchanged



Q 25. Which statement about food preservation is INCORRECT?

- A** Keeping food at high temperatures preserves it
- B** Overcooking food reduces nutrients
- C** Steaming is healthier than deep frying
- D** Baking and steaming use different methods



ANSWER SHEET

GRADE 3 & 4

Q.NO ANSWER

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| 1 | <input type="radio"/> A | <input type="radio"/> B | <input checked="" type="radio"/> | <input type="radio"/> D |
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Q.NO ANSWER

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International FSP Vibrant Youngsters Contests

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