



CREST Science Olympiad (CSO)

Previous Year Paper (2023-24)

Class 1 (Set - A)

Time Allowed: 1 hour

Maximum Marks: 45

- Additional **10 minutes** will be allotted to fill up information on the OMR Sheet, before the start of the exam.
- Fill in all the mandatory fields clearly on the OMR Sheet.
- There are a total of **35 questions** in this booklet comprising **2 sections** namely
- the **Practical Science & Achievers' Section** consisting of **25 questions (1 marks each) & 10 questions (2 marks each)** respectively.
- There is no negative marking. The use of a calculator is not permitted.
- There is **only ONE correct option** to a given question.
- Use **HB Pencil / Ball point pen (Blue / Black) only** for marking the correct choice of answers on the OMR Sheet.
- Rough work is to be done in the space provided in the test booklet. Extra plain sheet may be provided by the school for the rough work.
- The OMR Sheet is to be handed over to the invigilator at the end of the exam.
- No candidate is allowed to carry any textual material, printed or written, bits of paper, any electronic device, digital watches, etc. inside the examination hall.
- The use of unfair means may result in the cancellation of the exam. Any such instances must be reported at **+91-98182-94134** or **info@crestolympiads.com**

DO NOT OPEN THIS BOOKLET UNTIL ASKED TO DO SO

FILL IN THE DETAILS

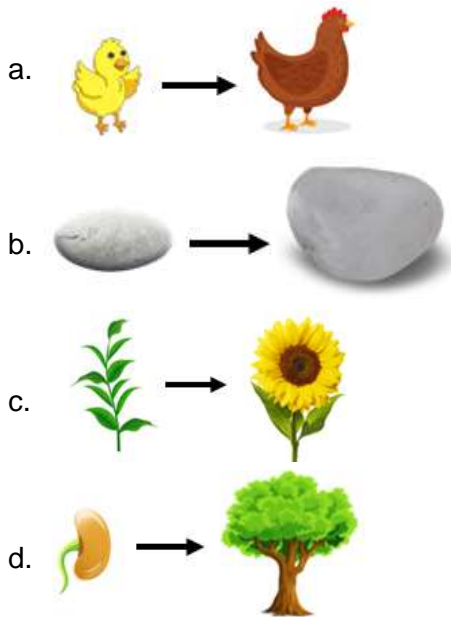
Candidate Name: _____

Class: _____ Section: _____

CREST ID: _____

Practical Science (Each Question is 1 Mark)

1. From the given images, which of the following matches the image provided:



2. Which of the following statements is true about the animal shown below?



- a. It is a wild animal.
b. It is a reptile.
c. It is a domestic animal.
d. Its young one is called joey.
3. David wrote two statements on the blackboard about animals:
1. Pigs eat both plants and the flesh of other animals.
 2. Goats can build their own homes called burrows.

Choose the correct option regarding the above two statements:

- a. Statement 1 is correct but statement 2 is incorrect
b. Statement 1 is incorrect but statement 2 is correct
c. Both the statements are correct
d. Both the statements are incorrect

4. Fill in the blanks with the CORRECT group of alphabets:
I am dark brown in colour and used as a spice. In cooking, I am added for flavour and I also treat toothache. I am C _ _ _ _ .

- a. UMIN b. LOVE
c. ENNEL d. ULSI

5. Read the given statements and select the correct option:

Statement 1: Branches, leaves, buds, flowers and fruits grow from the roots.

Statement 2: The root is always the underground part of a plant.

- a. Statement 1 is true but statement 2 is false
b. Statement 1 is false but statement 2 is true
c. Both statements 1 and 2 are true
d. Both statements 1 and 2 are false

6. Which of the personal hygiene activity is not required to be followed every day?

- a. Combing hair
b. Brushing teeth
c. Taking bath
d. Cutting hair

7. Which of the following statements is INCORRECT about the weather shown below?



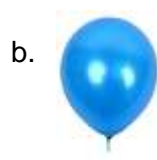
- a. We use air conditioners and coolers in this kind of weather.
b. We prefer to sit in front of the fireplace to warm our hands in this weather.

- c. We wear woollen clothes during this weather to keep us warm.
- d. We drink hot chocolate in this kind of weather.

8. Which of the following requires air to move?



Watch



Balloon



Mango



Toy

9. Complete the pattern given below:
Mountains : Natural non-living thing ::
_____ : Man-made non-living thing

- a. Aeroplane
- b. Rocks
- c. Sun
- d. Frog

10. Look at the picture given below. Spot the correct property of air it shows:



- a. Air does not have weight.
- b. Air is needed to burn things.
- c. Air can move things.
- d. Air has colour.

11. State whether the following statements are true or false:

1. If someone gets injured, we should ask an adult for help.
2. We should not climb on desks and chairs when in school.
3. We should push or pull each other into the water while swimming.

- a. 1 - False, 2 - False, 3 - True
- b. 1 - True, 2 - True, 3 - True
- c. 1 - False, 2 - False, 3 - False
- d. 1 - True, 2 - True, 3 - False

12. What happens when the sun heats the water of rivers and lakes on a sunny day?

- a. The water changes into ice.
- b. The water vapour changes into water.
- c. The water changes into water vapour.
- d. The water changes into cool water.

13. Like food and shelter, clothes are also a basic need of human beings. Clothes protect us from heat, cold, dust, insects, harsh weather conditions etc. Choose the type of clothing worn during the summer season:



14. Which of the following do we see in the day sky?

- a. Sun and clouds
- b. Moon and stars
- c. Sun and stars
- d. Clouds and stars

15. Observe the pictures below and spot the similarity between them correctly:



- a. Both pollute water.
- b. Both are able to burn because of the presence of water.
- c. Both clean air.
- d. Both are able to burn because of the presence of air.



16. Spot the similarity between zebra crossing and traffic lights:



- a. Only 4
- b. Only 2 and 4
- c. 1, 2 and 4
- d. 2, 3 and 4

19. Choose the statement that shows the similarity between the two animals shown below:



- a. We use them during emergency situations only.
- b. We use both to cross the road.
- c. We use both when there is an accident.
- d. We use them to find directions.

- a. Both live in forests and give birth to young ones.
- b. Both are omnivores.
- c. Both lay eggs.
- d. Both can be tamed and live in desert regions.

17. What are the objects shown in the pictures shown below used for?



- a. To waste water
- b. To save water for future use
- c. To pollute water
- d. To purify water

20. Which of the following pairs is/are an INCORRECT match?

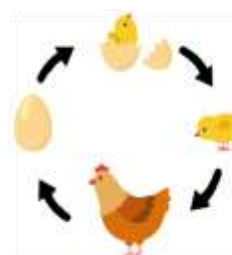
- 1. Dog - Pet animal
- 2. Zebra - Domestic animal
- 3. Deer - Wild animal
- 4. Hen - Wild animal

- a. Both 1 and 2
- b. Both 3 and 4
- c. Both 2 and 4
- d. Both 1 and 3

18. Diya read the weather forecast from the newspaper as seen in the picture below. Which of the following she can most likely do in such weather conditions?

- 1. She can make a snowman.
- 2. She can make paper boats.
- 3. She can play in puddles of water.
- 4. She can wear a raincoat.

21. Observe the pictures shown below shows that _____.



- a. all living things feel
- b. all livings move
- c. all livings grow and develop
- d. all living things breathe

22. Consider the following statement made by Kate and Sara regarding the picture shown below:

Kate said it shows a windy day whereas Sara said it shows a sunny day.

Choose the correct option:



- a. Kate is correct but Sara is incorrect
- b. Kate is incorrect but Sara is correct
- c. Both are correct
- d. Both are wrong

23. In which season are gumboots worn?



- a. Monsoon
- b. Summer
- c. Autumn
- d. Winter

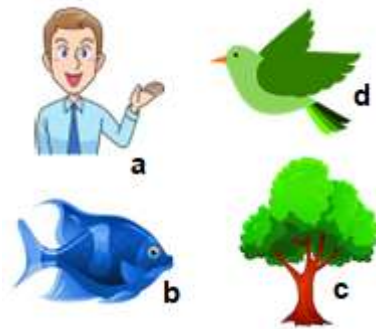
24. Observe the picture of the plant shown below:

Identify this plant which traps and eats insects to get nutrition.



- a. Sunflower
- b. Pitcher plant
- c. Orchid
- d. Rose plant

25. Observe the picture shown below: Which of the following can fly on its own?



- a. a
- b. b
- c. c
- d. d

Achievers' Section (Each Question is 2 Marks)

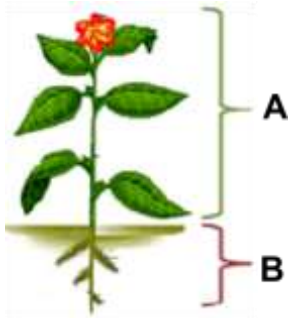
26. Match column I with column II and select the correct option:

	Column I		Column II
1.	Fibre for making clothes	a.	Maize
2.	Spice used in cooking food	b.	Jasmine
3.	Flower used to make perfumes	c.	Cotton
4.	A cereal	d.	Cardamom

- a. 1 - a, 2 - b, 3 - c, 4 - d
- b. 1 - c, 2 - b, 3 - a, 4 - d
- c. 1 - c, 2 - d, 3 - b, 4 - a
- d. 1 - b, 2 - c, 3 - d, 4 - a

27. Look at the picture below and state whether the following statements are true or false:

1. The part labelled A is called the shoot system.
2. The part labelled B is called the root system.



- a. 1 - True, 2 - False
- b. 1 - False, 2 - False
- c. 1 - True, 2 - True
- d. 1 - False, 2 - True

28. Amongst the shown children, which of them are following good habits?



- a. 1, 3 and 5
- b. 1, 2 and 6
- c. 1, 2 and 3
- d. 4, 5 and 6

29. Match the column I with the column II and select the correct option:

	Column I		Column II
1.	Elephant	a.	Squeak
2.	Mouse	b.	Trumpet
3.	Donkey	c.	Croak
4.	Frog	d.	Bray

- a. 1 - d, 2 - a, 3 - b, 4 - c
- b. 1 - b, 2 - a, 3 - c, 4 - d
- c. 1 - b, 2 - a, 3 - d, 4 - c
- d. 1 - c, 2 - d, 3 - a, 4 - b

30. Observe the picture and answer the following question:

How could the man have avoided getting an electric shock?



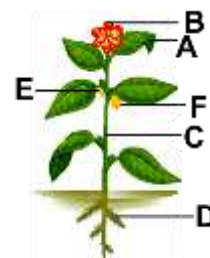
- a. By twisting and turning the electric wire.
- b. By biting the electric wire.
- c. By putting his fingers inside the socket.
- d. By not touching the electric wire with wet hands.

31. To use the objects 'X' and 'Y', which of these senses are most needed?



- a. Sight and touch
- b. Hearing and smell
- c. Sight and smell
- d. Smell and taste

32. Which part of the plant carries water and minerals from roots to the other parts of the plant?



- a. D
- b. C
- c. F
- d. E

33. Study the table given below and identify X, Y and Z correctly from the given options:

Animal	Home	Young one	Sound they make
Lion	Den	Cub	Roar
Rabbit	X	Y	Z

- X - Cage, Y - Calf, Z - Moo
- X - Kennel, Y - Puppy, Z - Bark
- X - Burrow, Y - Bunny, Z - Grunt
- X - Coop, Y - Kitten, Z - Mew

- 34.** Tina, Monica and Jerry were studying for their Science exam. This is what they told their mother about living and non-living things:
Tina: Things like cars and bridges are man-made things.
Monica: Paper and pencil write on their own.
Jerry: Leaves of mimosa plant close when touched.

Who among the above student(s) is/are wrong?

- Monica only
- Jerry only
- Tina only
- Both Tina and Monica

- 35.** Observe the pictures below:
Which of the following belongs to the group of non-living things?



- Human beings, bird, tree, cow
- Human beings, bird, bicycle, car
- Bird, cow, doll, socks
- Socks, doll, car and bicycle

Answer Key

- | | | | | | | | | | | | | | |
|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|-----|---|
| 1. | c | 2. | c | 3. | a | 4. | b | 5. | d | 6. | d | 7. | a |
| 8. | b | 9. | a | 10. | c | 11. | d | 12. | c | 13. | a | 14. | a |
| 15. | d | 16. | b | 17. | b | 18. | d | 19. | a | 20. | c | 21. | c |
| 22. | a | 23. | a | 24. | b | 25. | d | 26. | c | 27. | c | 28. | b |
| 29. | c | 30. | d | 31. | a | 32. | b | 33. | c | 34. | a | 35. | d |