



## CREST Science Olympiad (CSO)

### Previous Year Paper

# Class 3 (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 mark 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**

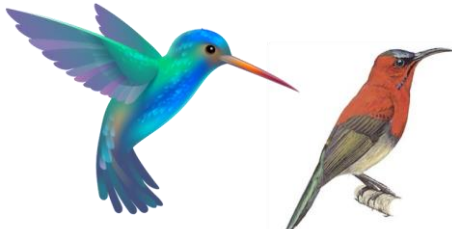
Candidate Name: \_\_\_\_\_

Class: \_\_\_\_\_ Section: \_\_\_\_\_

CREST ID: \_\_\_\_\_

## Practical Science (Each Question is 1 Mark)

1. Look at the birds shown below and identify the similarity between them:



**Hummingbird      Sunbird**

- Both are nectivorous birds.
  - Both are preying birds.
  - Both are nocturnal birds.
  - Both are swimming birds.
2. Mark the correct option regarding the two statements given below:  
Statement A: The state of matter that does not change its shape when moved to another container is liquid.  
Statement B: The state of matter that takes all the available space in the container is gas.
- Statement A is correct but statement B is incorrect
  - Statement A is incorrect but statement B is correct
  - Both the statements are incorrect
  - Both the statements are correct
3. Match the column I with column II and select the correct option:

Column I		Column II	
1.	Kidney	a.	Food
2.	Stomach	b.	Wastes
3.	Heart	c.	Air
4.	Lungs	d.	Blood

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

4. Mark the correct option regarding the two statements given below:  
Statement A: Mars is the planet closest to the sun and is the smallest of all planets.  
Statement B: Venus is called the reddish planet.

- Statement A is correct but statement B is incorrect.
- Statement A is incorrect but statement B is correct.
- Both the statements are incorrect.
- Both the statements are correct.

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

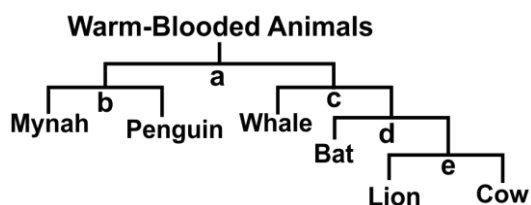
- The dark spot formed when a transparent object blocks the path of light is called the shadow.
- The object which gives out light is called an opaque object. For example, a book.

- 1 - True, 2 - True
- 1 - True, 2 - False
- 1 - False, 2 - False
- 1 - False, 2 - True

6. Which of the following is the INCORRECTLY matched method of seed dispersal with the different seeds mentioned?

- Seed: Coconut  
Seed dispersal method: Water
- Seed: Cotton  
Seed dispersal method: Water
- Seed : Guava  
Seed dispersal method: Animals
- Seed: Dandelion  
Seed dispersal method: Wind

7. Which of the following represents the division of the warm-blooded animals into mammals and birds?



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

8. Three students were preparing for their Science exam and revising the chapter on earth and the universe. They made the following statements:

Rachel: Jupiter is the fastest spinning planet.

Michael: The sun is the closest moon to the earth but it is not the biggest moon in the universe.

Susan: Changes in the seasons are caused by the rotation of the earth around moon.

Who among the above is/are correct?

- a. Only Rachel  
b. Only Michael  
c. Only Susan  
d. All the three students are correct

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

1. Luminous objects like stars and moon do not give us light.
2. Shadow of an object always gives the correct information about the shape of the object.

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

10. Which of the following is/are correctly matched?

1. Igloo - Snow house
2. Houseboat - Water
3. Stilt house - Desert
4. Bungalow - City

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

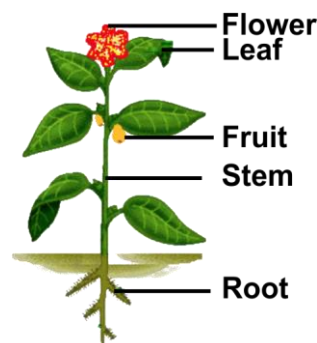
11. Fill in the blank:

A muscular bag in our body that churns food well is the \_\_\_\_\_.

- a. stomach              b. lungs  
c. intestine             d. kidney

12. Study the picture carefully:

Which of the following is called the 'kitchen of the plant'?



- a. Roots                  b. Seeds  
c. Flower                d. Leaf

13. Study the food chain below.

Plant → Mouse → Weasel → Hawk

Which of the following best describes the weasel?

- A. Prey  
B. Predator  
C. Carnivore

- a. A and B only        b. A, B and C  
c. B and C only        d. A and C only

14. Choose the correct option and complete the following sentence:

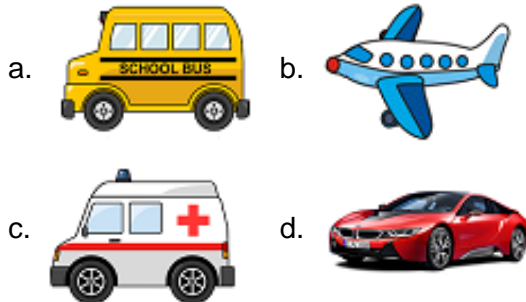
Food items shown below are rich in \_\_\_\_\_ and are known as \_\_\_\_\_.



- a. iron, fibre-rich food  
b. proteins, protective food  
c. calcium, bodybuilding food

- d. carbohydrates and fats, energy giving food

15. Identify the means of transport which is used to carry sick people:



16. Name the following:

1. The state of matter that does not have fixed volume or shape but may have a smell.
2. The process that changes water into the vapour.

- a. 1 - Solid, 2 - Stirring
- b. 1 - Liquid, 2 - Boiling
- c. 1 - Solid, 2 - Cooling
- d. 1 - Gas, 2 - Evaporation

17. To travel from hotel to the church which of the following mode of transport should not be taken?



- a. Aeroplane
- b. Scooter
- c. Bus
- d. Car

18. Observe the picture shown below and answer the following question:  
What is the tube that connects your mouth to the stomach called?



- a. Oesophagus
- b. Trachea
- c. Alveoli
- d. Large intestine

19. Look at the pictures of animals given below. Find out the similarity between these animals correctly:



- a. They are all endangered animals.
- b. They are all killed for their skin.
- c. They all hibernate during cold season.
- d. They all have ears on either side of their head.

20. Two students were discussing friction and this is what they said:

Jack: Friction helps to stop moving vehicles by applying brakes.

Ana: Friction makes it impossible to write with chalk on the blackboard.

Which of them is/are correct?

- a. Jack is correct but Ana is incorrect
- b. Jack is incorrect but Ana is correct
- c. Both Jack and Ana are correct
- d. Both Jack and Ana are incorrect

21. Read the passage given below carefully and answer the question that follows:

X mode of transport is used to transfer passengers and goods to far off places. It runs on tracks. This transport carries more people or goods compared to road transport.

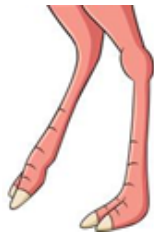
Identify X correctly:

- a. Rail
- b. Bus
- c. Water
- d. Air

22. Unscramble and choose the correct option:  
The \_\_\_\_\_ works like a pump and pushes the blood through blood vessels around the body.

a. REHAT                      b. DKINYE  
c. UGNLS                    d. TEISNTNESI

23. Which of the birds given below can have the type of feet as shown in the image below?



a. Kite                      b. Heron  
c. Sunbird                d. Eagle

24. Read the passage given below carefully:

X are made of mud and straws. These types of houses are built in villages. Mud walls and straw roofs keep the X cool even in summer season.

Identify X correctly:

a. Tent                      b. Igloo  
c. Hut                        d. Bungalow

25. Given below is a wrong statement. Change the words that are quoted and choose the correct option:

Woollen and silk clothes need a lot of care. They are easily attacked by moth and silver fish. We should store silk and woollen clothes with 'dried papaya leaves'.

- a. Woollen and silk clothes need a lot of care. They are easily attacked by moth and silver fish. We should store silk and woollen clothes with naphthalene balls.  
b. Woollen and silk clothes need a lot of care. They are easily attacked by moth and silver fish. We should store silk and woollen clothes with dried basil leaves.  
c. Woollen and silk clothes need a lot of care. They are easily attacked by moth and silver fish. We should store silk and woollen clothes with baking soda.  
d. Woollen and silk clothes need a lot of care. They are easily attacked by moth and silver fish. We should store silk and woollen clothes with dried banana leaves.

## Achievers' Section (Each Question is 2 Marks)

26. Which of the following statements is correct?

- a. Only opaque objects can form shadow.  
b. A table kept in a completely dark room will not form a shadow.  
c. A shadow is of the same colour as that of the object.  
d. Birds flying high in the sky casts shadow on the ground.

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

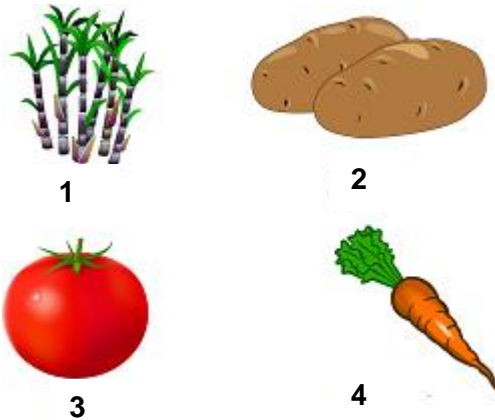
Column I		Column II	
1.	Luminous objects	a.	Clean water and clear glass
2.	Transparent objects	b.	Sun and stars
3.	Translucent objects	c.	Bricks and wood
4.	Opaque objects	d.	Butter paper and tissue paper

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

**28.** Tom placed the ice tray on the kitchen table and left the kitchen to do his homework. After a few hours, when he came back, he saw that ice has changed into water. What is the process that is taking place during this conversion?

- a. Boiling
- b. Freezing
- c. Melting
- d. Evaporation

**29.** Carefully look at the following pictures and identify which of them is/are a fruit:



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

**30.** Given below is a wrong statement. Change the words that are underlined and choose the correct option:  
Forest is an exhaustible non-renewable resource.

- a. Forest is an exhaustible renewable resource.
- b. Forest is an exhaustible artificial resource.
- c. Forest is an exhaustible non-biodegradable resource.
- d. Forest is an exhaustible non-occurring resource.

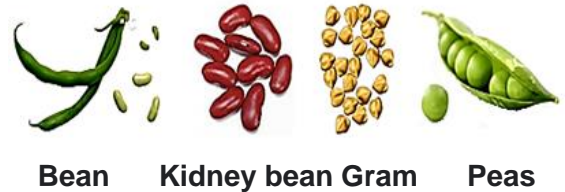
**31.** Two students were having a classroom discussion about the effects of force. This is what they said:  
Susan: When we make bread, the force of our hands changes the shape of the dough.

Norah: When we open a refrigerator door, we use a pull force.

Choose the correct option related to the statements made by these two students:

- a. Susan is incorrect but Norah is correct
- b. Susan is correct but Norah is incorrect
- c. Both Susan and Norah are correct
- d. Both Susan and Norah are incorrect

**32.** What is common between the plant products shown below?



- a. We eat the leaves of these plant products.
- b. We eat the fruits of these plant products.
- c. We eat the seeds of these plant products.
- d. We eat the stem of these plant products.

**33.** Name the following and select the correct option:

1. The largest planet in our solar system. It can accommodate 1300 earths. Although it is only 318 times heavier than earth.
2. The second-largest planet in our solar system. It is unique as it has thousands of beautiful rings.



- a. 1 - Venus, 2 - Neptune
- b. 1 - Mars, 2 - Mercury
- c. 1 - Jupiter, 2 - Saturn
- d. 1 - Saturn, 2 - Jupiter

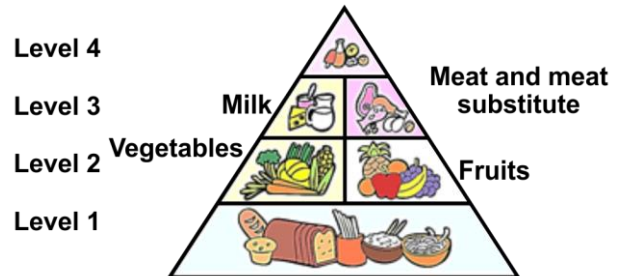
34. Pictures of three different animals are shown below:  
What is common between these three animals?



- a. They have gills to breathe and their ears can be seen.

- b. They all lay eggs.
- c. They are arboreal animals.
- d. They are all omnivorous animals.

35. Study the food pyramid shown below.  
Which of the following level is rich in proteins?



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

## Answer Key

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