



CREST Science Olympiad (CSO)

Previous Year Paper (2022-23)

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 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. Which of the following sentences on the traffic light is INCORRECT?



- Red light says stop.
 - Amber light says proceed without looking or waiting.
 - Green light says proceed in the denoted direction.
 - Amber light indicates that the red arrow is about to be displayed.
2. Harry's mother was teaching him about good and bad habits. Which one of the following is a good habit that Harry should follow?
- We should not bath daily.
 - We should keep our surroundings clean.
 - We should never brush our teeth.
 - We should not drink water.
3. For building strong bones and muscles, which of the following activities Arya should follow?
- She should not go out to play.
 - She should sleep all day.
 - She should eat nutritious food and exercise daily.
 - She should eat junk foods like chips and burger.

4. Solve the riddle!!

I am a season with only one colour of leaves that is yellow. Which season am I?

- Winter season
- Summer season

- Autumn season
- Rainy season

5. Sara learnt in school that a house is made by using many things. Which of the following is not used for building a permanent house?



Bricks



Cement



Rods



Straw

6. Fill in the blank:
You can see a flag moving because of _____.



- wind
- light
- dark
- water

7. George was walking in the park at night after dinner. He saw something flying in the sky. His mother told him that this animal comes only at night when it is dark. Which of the following animal could it be?



Dolphin



Bat



Dog



Squirrel

8. Which of these animals do not use their four legs to walk?

- a. Cat
- b. Giraffe
- c. Lion
- d. Kangaroo

9. Which of the following statements is considered as a good habit?

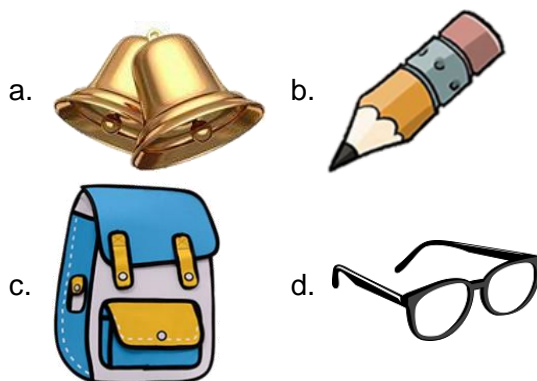
- a. James helped Tom to complete his homework.
- b. James fought with Tom.
- c. James stole Tom's bag.
- d. James pushed Tom while running.

10. The diseases that are caused by air pollution include which of the following options?



- a. Lung cancer
- b. Respiratory illness
- c. Skin disease
- d. All of these

11. Identify the non-living thing that is used to write on a paper:



12. Which one of the following types of plants is a herb?

- a. Guava
- b. Apple
- c. Basil
- d. Mango

13. Choose the correct option:
Ant : Colony :: Camel : ?

- a. Flock
- b. Buzzard
- c. Team
- d. Pride

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

A sunflower always turns towards the sun. This shows that _____.



- a. it is a non-living man-made thing
- b. it does not grow
- c. it is a non-living natural thing
- d. it is a living thing

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

_____ is a non-living thing but
_____ is a living thing.

- a. Bird, goat
- b. Dog, aeroplane
- c. Book, bird
- d. Owl, joey

16. Which of the following consists of only living things?

- a. Table, Crow, Moon, Pen
- b. Cow, Frog, Man, Bird
- c. Phone, Bird, House, Cow
- d. Moon, Drum, Man, Frog




17. Which of the following should not be done while crossing the road?

- 1. Using zebra crossing
- 2. Talking on the mobile

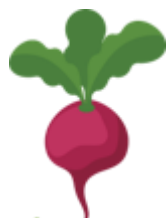



3. Running
4. Listening to music

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

18. In which of the following season do we sweat a lot?

- a.  WINTER
- b.  SUMMER
- c.  Autumn
- d.  Spring

19. Which one of the following is a fruit that we usually eat as a vegetable?

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





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

You cannot use an umbrella to protect yourself from the _____.



- a. sun shine
- b. rain
- c. cold
- d. All of these

21. Which one of the following sense organs helps to feel hot or cold and hardness or softness?

- a.  Skin
- b.  Nose
- c.  Ear
- d.  Eye

22. Robert was listening to music. While listening to the music, which sense organ is being used by him?



- a. Ear
- b. Nose
- c. Tongue
- d. Skin

23. Which behaviour will best help a student stay healthy?

- a. Watching television five hours a day
- b. Sleeping three hours each night
- c. Eating fruits and vegetables each day
- d. Exercising once a month

24. Plants have tiny holes from which they breathe. Where are these holes present?

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

25. Which sense can be used to determine an object's ability to reflect light?

- a. Sight
- b. Hearing
- c. Smell
- d. Taste

Achievers' Section (Each Question is 2 Marks)

26. Which of the following is not a good habit?

- a. We should board the moving bus.
- b. We should go to bed early, so that we can wake up early in the morning.
- c. We should brush twice a day.
- d. We should use zebra crossing to cross the road.

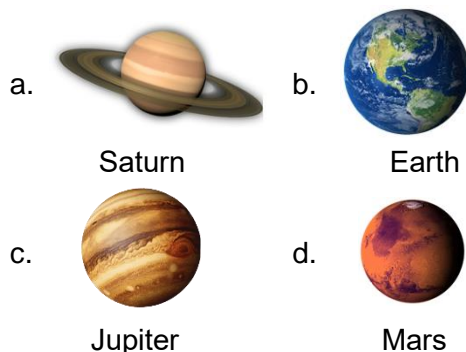
27. Different animals have different organs that help them breathe. Which part of the body does a mammal use to breathe?

- a. Lungs
- b. Gills
- c. Pistil
- d. Skin

28. Consider the following clues and identify the planet:

Clue 1: It is famous for its Great Red spot on it.

Clue 2: It is more than twice as massive as all the other planets combined.



29. Which of the following birds is/are wrongly classified?

P: Penguins - Can swim
Q: Hawk - Flesh-eating bird
R: Wood pecker - Climbing bird
S: Crow - Webbed feet

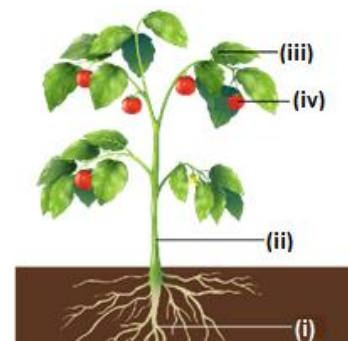
- a. Only P
- b. Only S
- c. Q and R
- d. P and S

30. Match the animals in column I with the sounds they make in column II and select the correct option:

	Column I		Column II
1.	Dog	a.	Bleat
2.	Giraffe	b.	Bark
3.	Pig	c.	Roar
4.	Lion	d.	Grunt

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

31. Select the incorrect option of functioning of the plant shown below:

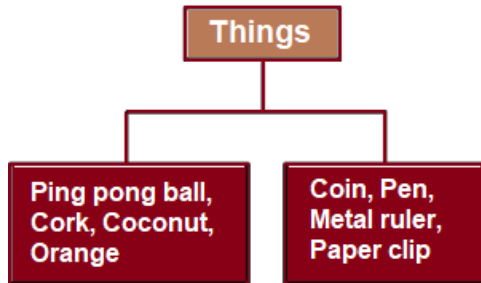


- a. (i) - Anchor the plant to the soil.
- b. (ii) - Transport minerals and minerals to different parts of the plant.
- c. (iii) - Dry up to give nuts.

d. (iv) - Protects the seed.

32. Refer to the classification diagram below.

The things are grouped according to _____.



- a. how they smell
- b. what they are made of
- c. where they can be found
- d. whether they float or sink in water

33. Which human activity often has a harmful effect on the environment?

- a. Recycling paper and plastic
- b. Riding a bicycle to school
- c. Helping seeds to germinate
- d. Throwing garbage into a stream

34. Read the following clues:

- i. I am present everywhere.
- ii. I am a mixture of gases.
- iii. I help you to breathe.

- a. Water
- b. Air
- c. Medicine
- d. Toy

35. Select the correct option and complete the following sentence:

One-way animals usually respond to a sudden drop in temperature is by _____.

- a. sweating
- b. shivering
- c. blinking
- d. salivating

Answer Key

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