

Please check the examination details below before entering your candidate information

Candidate Name

Class

Section

BLOOM Science
Olympiad (BSO)
Question Paper 2023-24

Class
3

Total Questions **35 + 3** (Tie-Breaking Section)

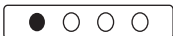
Total Time Allotted :
60 minutes

Total Marks
35

Instructions

1. There are **35 Multiple Choice Questions** in this booklet having 4 options out of which **ONLY ONE** is correct.
2. 1 Mark will be allotted for each correct answer.
3. All questions are compulsory. There is **NO negative** marking for incorrect answers.
4. Total time allotted to complete the paper is 60 minutes.
5. Please fill in your details in the space provided on this page before attempting the paper.

OMR Sheet Instructions

1. Before starting the paper, fill in all the details in the OMR Sheet.
2. Additional 10 minutes will be provided to fill up the OMR sheet, before the start of the exam.
3. Use HB Pencil to darken the circle of the correct Option in OMR sheet. The correct way to darken the circle in OMR sheet is shown below.

4. Use black or blue ball point pen/HB pencil to fill the information in the OMR sheet. Partially filled OMR sheet will not be checked.
5. Return the OMR sheet to the invigilator after the exam.

CODE #1

SC3



Bloom Science Olympiad Class 3

1. Which of these is not a modified root?

- | | |
|------------|------------|
| (a) Turnip | (b) Carrot |
| (c) Radish | (d) Potato |

2. Find the correctly matched pair.

- | | |
|--------------------------------|-------------------------------|
| (a) Lotus – needle-shaped leaf | (b) Peepal – oval-shaped leaf |
| (c) Pine – needle-shaped leaf | (d) Maple – oval-shaped leaf |

3. How do squirrels eat their food?

- | | |
|---------------------|---------------------------------|
| (a) By tearing them | (b) By gnawing them |
| (c) By sucking them | (d) By swallowing them as whole |

4. Which type of beak do humming birds have?

- | | |
|----------------------------|---------------------------|
| (a) Strong and curved beak | (b) Broad and flat beak |
| (c) Long and pointed beak | (d) Sharp and hooked beak |

5. Consider the following two statements

- I. There are 206 bones in our body.
II. Two or more bones are connected together to form joints.

Choose the correct option.

- | | |
|-------------------------------|---------------------------------|
| (a) Both I and II are correct | (b) Both I and II are incorrect |
| (c) Only I is correct | (d) Only II is correct |

6. Look at this picture and answer the question given below



The above food items are the examples of

- | | |
|------------------|---------------------|
| (a) healthy food | (b) nutritious food |
| (c) junk food | (d) None of these |

7. X is a flightless bird, while Y is a migratory bird.

Choose the correct option for X and Y, respectively.

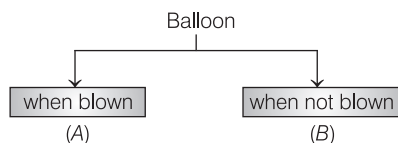
- (a) Siberian crane, penguin
(b) Ostrich, peacock
(c) Penguin, Arctic tern
(d) Siberian crane, kiwi

8. Solve the riddle

I am used a lot in Indian cooking,
I am an antiseptic also,
I am yellow in colour,
Who am I ?

- (a) Chilli (b) Turmeric
(c) Pepper (d) Cardamom

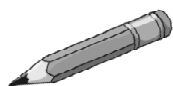
9.



Based on the given diagram, choose the correct option.

- (a) A is heavier than B
(b) B is heavier than A
(c) Both have equal weight
(d) None of the above

10. Which measuring instrument would you prefer to measure the length of following items?



(I)



(II)



(III)

- (a) Electronic balance (b) Meter rod
(c) Ruler (d) Measuring cylinder

11. Match the following columns and choose the correct option.

Column I		Column II	
A.	We all need food	1.	Cannot move on its own
B.	A table in your room	2.	To prepare their food
C.	Plants need sunlight, air and water	3.	To grow

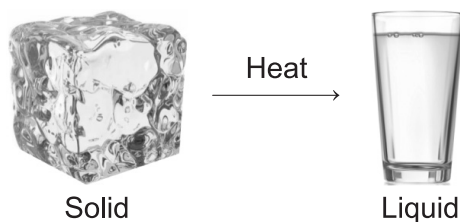
Codes

- | | | | | | |
|-------|---|---|-------|---|---|
| A | B | C | A | B | C |
| (a) 3 | 1 | 2 | (b) 2 | 3 | 1 |
| (c) 3 | 2 | 1 | (d) 2 | 1 | 3 |

12. Cabbage which we eat as vegetable is a modified

- (a) leaf (b) root
(c) stem (d) seed

13. In the given figure, solid is converted into liquid, this process known as



- (a) melting (b) condensation
(c) evaporation (d) freezing

14. Chisel-shaped beak is used to

- (a) catch the prey (b) break nut and grain
(c) find insect (d) make holes in tree

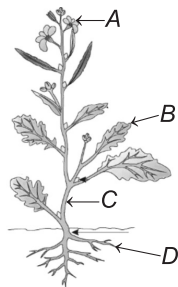
15. Which of the following is not a part of the digestive system?

- (a) Food pipe (b) Lungs
(c) Stomach (d) Small intestine

16. Washing of cut or peeled fruits and vegetables may loose some

- (a) proteins (b) Vitamins (c) Fats (d) Minerals

17. In the figure given below of a plant, the function of part C is



- (a) helps in holding the soil together
(b) it get rid of excess water from the plant
(c) it supplies food to all parts of the plant
(d) makes food for the plant

18. In which of the following layer cloud formation takes place?

- (a) Troposphere (b) Ionosphere
(c) Stratosphere (d) Mesosphere

19. Read the clues and write the names of these animals.

- I. It has a long sticky tongue
- II. It swallows soil
- III. It sucks blood
- IV. It carries load for us

Choose the correct option.

- (a) Butterfly, rat, leech, camel
- (b) Snake, rabbit, mosquito, horse
- (c) Frog, earthworm, mosquito, donkey
- (d) Butterfly, earthworm, leech, camel

20. Study the given table and select the correct option for *M*.

Climbing bird	Perching bird	Scratching bird
Wood pecker	<i>M</i>	Hen

- (a) Eagle
- (b) Crow
- (c) Duck
- (d) Vulture

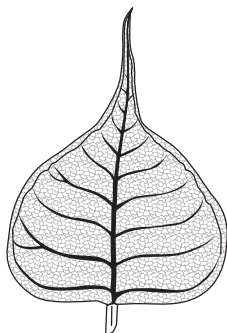
21. Which system helps to carry blood to all parts of our body?

- (a) Respiratory system
- (b) Muscular system
- (c) Circulatory system
- (d) Digestive system

22. On which day can a rainbow be formed in the sky?

- (a) Sunny and windy
- (b) Cloudy and windy
- (c) Rainy and sunny
- (d) Sunny and cloudy

23. The given leaf belongs to which of the following plant and identify it's shape also?



- (a) Mango – heart-shaped
- (b) Peepal – heart-shaped
- (c) Banana – oval-shaped
- (d) Pine – oval-shaped

24. Its cold and icy where we live. So we have to cuddle tight. We have wings but we cannot fly. So we cannot soar to great heights.
Guess who am I?

- (a) Sparrow (b) Peacock
(c) Parrot (d) Penguin
-

25. Which of the following is not a part of the nervous system?

- (a) Bones (b) Brain
(c) Nerves (d) Spinal cord
-

26. Choose the correct statement about birds nest.

- (a) The penguins makes its nest on the ground with pebbles and stones.
(b) The tailor bird uses its blunt beak to make its nest.
(c) A sparrow makes its nest in the shallow cup shape.
(d) Vulture pecks at a tree to make its nest.
-

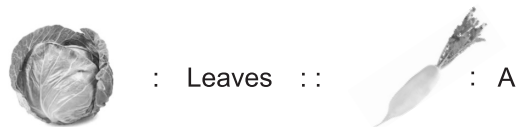
27. Heart is a part of

- (a) muscular system (b) nervous system
(c) excretory system (d) circulatory system
-

28. In which of the following season, trees shed their leaves?

- (a) Summer (b) Monsoon
(c) Winter (d) Autumn
-

29. Identify the correct relationship between the plant parts and choose the option which correctly signify 'A'.



- (a) Root (b) Stems
(c) Leaves (d) Flower
-

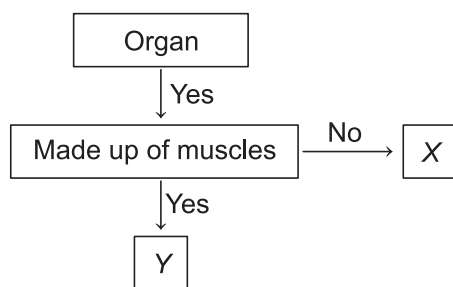
30. Select the set of herbivores.

- (a) Cow, Tiger, Sheep (b) Goat, Rabbit, Buffalo
(c) Elephant, Squirrel, Lion (d) Bear, Rat, Horse
-

31. Which bird from the following has a beak to suck nectar from flowers?

- (a) Parrot (b) Duck
(c) Humming bird (d) Sparrow

32. Study the given flow chart.



X and Y could be

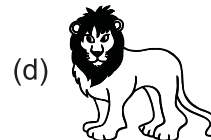
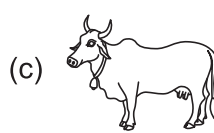
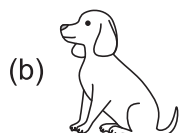
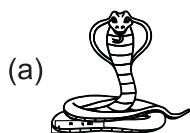
(a) heart, lungs

(b) skull, heart

(c) lungs, kidney

(d) kidney, stomach

33. Which of the following animal reproduces by laying eggs?



34. Which mineral is essential for strong bones and teeth?

(a) Calcium

(b) Iodine

(c) Sodium

(d) Iron

35. The voice box helps us to speak and make sound. Where is it found?

(a) Ribs

(b) Heart

(c) Lungs

(d) Throat

Tie-Breaking Section

Instructions

1. This section consists of 3 questions.
2. The score achieved in this section will not be included in the total marks.
3. If overall marks of two or more students are same, winner will be decided based on the score in this section.
4. Participation in this section is optional, and students may choose to attempt it or not.

1. Unscramble the letters given in the box to get the name of an animal.

Now, select the correct option regarding this animal.

U	T	R	L	B	E	Y	F	T
---	---	---	---	---	---	---	---	---

- | | |
|---------------------------------|----------------------------|
| (a) It sucks nectar | (b) It carries load for us |
| (c) It has a long sticky tongue | (d) It swallow soil |

2. Write (T) for correct statement and (F) for incorrect statement.

- I. Cow, buffalo, camel and horse are cud-chewing animals.
- II. Kangaroo, zebra and deer are omnivores.
- III. Food keeps animal sick and weak.
- IV. A mosquito has a long tube to suck blood.

Codes

- | | I | II | III | IV | | I | II | III | IV |
|-----|---|----|-----|----|-----|---|----|-----|----|
| (a) | T | F | F | T | (b) | T | T | F | F |
| (c) | F | T | F | T | (d) | F | F | T | T |

3. Mushrooms cannot make their own food because

- I. they grow in the shade.
- II. they are white in colour.
- III. they do not have green leaves.
- IV. they do not need food to grow.

- | | | | |
|--------------|--------------|-------------|------------------|
| (a) Only III | (b) I and II | (c) Only II | (d) I, II and IV |
|--------------|--------------|-------------|------------------|