

Please check the examination details below before entering your candidate information

Candidate Name

Class

Section

**BLOOM Science**  
**Olympiad (BSO)**  
Question Paper 2023-24

Class  
**2**

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

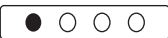
**Total Time Allotted :**  
60 minutes

**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

**SC2**



**BLOOM CAP**  
Founded by |  arihant

# Bloom Science Olympiad Class 2

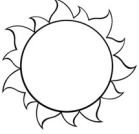
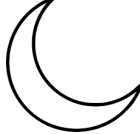


1. Which of the following thing cannot move by itself?

- (a) Bus                      (b) Bird                      (c) Fish                      (d) Boy

2. The green plants which make their own food are called .....

- (a) heterotrophs                      (b) consumers  
(c) autotrophs                      (d) omnivores

3. Which of the following do the plants need to grow?

- (a)                       (b)                       (c)                       (d) 

4. Which of the following food items has calcium?

- (a)                       (b)   
(c)                       (d) 

5. Another name of 'cutting teeth' is .....

- (a) canine                      (b) incisor  
(c) molar                      (d) premolar

6. Which of the following joint is found in our hands?

- (a) Knee                      (b) Elbow                      (c) Ankle                      (d) Palm









7. Balanced diet contains

- (a) only junk food.                      (b) junk food and healthy food.  
(c) only healthy food with proper amount.                      (d) only junk food with proper amount.

8. Which of the following activities can harm us?

- (a) Walking on zebra crossing                      (b) Running on the wet floor  
(c) Jogging in the park                      (d) Playing with toys

9. Match the sense organs with their function.

	Column I		Column II
A.		1.	
B.		2.	
C.		3.	
D.		4.	

**Codes**

- A B C D  
 (a) 4 3 1 2  
 (c) 3 4 2 1

- A B C D  
 (b) 1 2 3 4  
 (d) 3 4 1 2

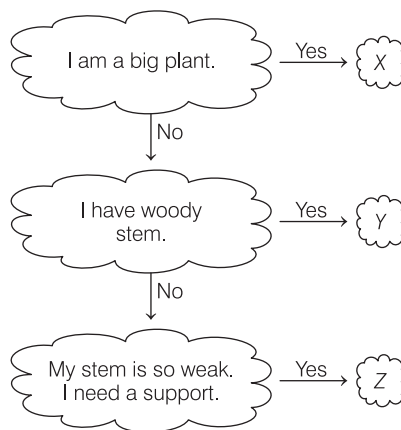
10. Choose the incorrect match.

- (a) Cow - Herbivorous (b) Tiger - Omnivorous  
 (c) Leopard - Carnivorous (d) Giraffe – Herbivorous

11. In summer season, we wear clothes made up of .....

- (a) fur (b) cotton  
 (c) wool (d) leather

12. Identify X, Y and Z.

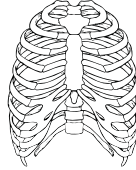


- |             |          |         |          |       |         |
|-------------|----------|---------|----------|-------|---------|
| X           | Y        | Z       | X        | Y     | Z       |
| (a) Climber | Creepers | Herb    | (b) Tree | Herb  | Shrub   |
| (c) Herb    | Shrub    | Climber | (d) Tree | Shrub | Climber |

13. Which of the following is not an insect?



14. Which organs are protected by these bones give in the figure below?



(a) Stomach

(b) Small intestine

(c) Liver

(d) Heart

15. Match the following columns.

Column I		Column II	
A.	Mobile house	1.	Houseboat
B.	Floating house	2.	Igloo
C.	Dome-shaped house	3.	Caravan

**Codes**

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

16. Plants make their food from .....

(a) sunlight

(b) moonlight

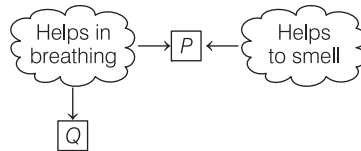
(c) starlight

(d) flashlight

17. Which of the following bird lays the largest egg?



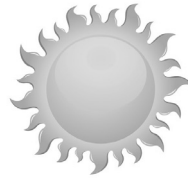
18. Identify P and Q.



Choose the correct option.

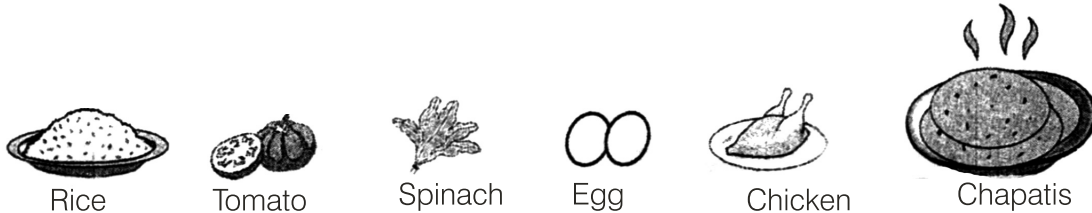
P	Q
(a) Lungs	Heart
(b) Nose	Lungs
(c) Heart	Stomach
(d) Lungs	Nose

19. The given figure shows the source of which of the following vitamin?



- (a) Vitamin-A (b) Vitamin-B  
(c) Vitamin-C (d) Vitamin-D

20. Neha gets tired after playing badminton. Which of the following items give her energy?



- (a) Rice and chapatis (b) Eggs and chicken  
(c) Spinach and tomato (d) Rice and spinach

21. Which part of the plant absorb water and minerals for the growth of plant?

- (a) Leaves (b) Stem  
(c) Branches (d) Root

22. Which of the following are examples of medicinal plants?

- (a) Turmeric, neem (b) Neem, rose  
(c) Rose, lotus (d) Cactus, mango

23. Draw ☺, if statement is true and ☹, if statement is false.



- I II III IV I II III IV  
(a) ☹ ☺ ☺ ☹ (b) ☹ ☹ ☺ ☺  
(c) ☹ ☺ ☺ ☺ (d) ☺ ☺ ☹ ☺





24. Fruits and vegetables provide us

- (a) proteins (b) carbohydrates (c) vitamins and minerals (d) fats

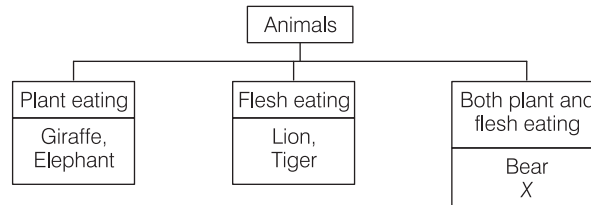
25. Which of the following clothes are the safest to wear while setting off fire crackers?

- (a) Rayon clothes (b) Cotton clothes  
(c) Polyester clothes (d) Nylon clothes

26. Which of the following pairs is incorrectly matched?

- (a)  — Energy giving food  
Biscuits
- (b)  — Body building food  
Fish
- (c)  — Protective food  
Fruits
- (d)  — Fatty food  
Eggs

27. Identify X in the given flow chart.



- (a) Dog                      (b) Goat                      (c) Snake                      (d) Cow

28. Which of the following organ gives instructions to the human body?

- (a)                       (b)                       (c)                       (d) 

29. Solve the riddle

I am a living thing,  
I love Sun,  
But I cannot move from one place to another.

- (a) Sunflower                      (b) Bird                      (c) Cat                      (d) Human

30. Study the given characteristics shown by Q and R

	Moves from place to place	Can breathe	Can grow	Has legs
Q	×	✓	✓	×
R	✓	✓	✓	✓

Identify Q and R.

	Q	R
(a)	Plants	Humans
(b)	Birds	Humans
(c)	Humans	Mountains
(d)	Computers	Rivers

31. Mark ☺ if true and ☹, if false for the given statements.

I. Wash fruits and vegetables before eating.

II. Cereals are animals products.

III. All vegetables should be taken as raw.

**Codes**

(a)  $\begin{matrix} \text{I} & \text{II} & \text{III} \\ \text{☺} & \text{☺} & \text{☺} \end{matrix}$

(b)  $\begin{matrix} \text{I} & \text{II} & \text{III} \\ \text{☺} & \text{☺} & \text{☹} \end{matrix}$

(c)  $\begin{matrix} \text{I} & \text{II} & \text{III} \\ \text{☺} & \text{☹} & \text{☹} \end{matrix}$

(d)  $\begin{matrix} \text{I} & \text{II} & \text{III} \\ \text{☹} & \text{☹} & \text{☹} \end{matrix}$

32. Shark is classified in which of the following animal category?

(a) Farm

(b) Domestic

(c) Aquatic

(d) Wild

33. Name the plant as shown below which has various medicinal uses.



(a) Tulsi

(b) Neem

(c) Aloe vera

(d) Banyan

34. Through which of the following organ, human beings inhale oxygen?

(a) Nose

(b) Gills

(c) Heart

(d) Hands

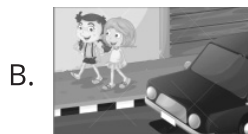
35. Match the children with the safety rule they need to follow.

**Column I**

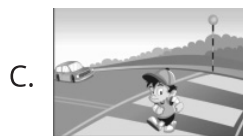
**Column II**



1. Getting into the bus in a queue



2. Cross the road at the zebra crossing



3. Walk on the footpath



4. Use footbridge to cross the road

**Codes**

$\begin{matrix} \text{A} & \text{B} & \text{C} & \text{D} \\ \text{(a)} & 3 & 4 & 1 & 2 \\ \text{(c)} & 4 & 3 & 2 & 1 \end{matrix}$

$\begin{matrix} \text{A} & \text{B} & \text{C} & \text{D} \\ \text{(b)} & 3 & 4 & 2 & 1 \\ \text{(d)} & 4 & 3 & 1 & 2 \end{matrix}$

## 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. When Rahul was walking in a garden, he saw a 'touch me not plant' there. He touches that plant and noticed that the leaves of 'touch me not plant' getting closed. What conclusion can be made from above information about 'touch me not plant'?



- (a) Touch me not plant is a poisonous plant                      (b) Touch me not plant responses on touch  
(c) Touch me not plant get afraid                                      (d) None of these

2. Which of the following statement is true in case of all animals?

- (a) They lay eggs.  
(b) They give birth to young ones.  
(c) They have feathers to fly.  
(d) They depend on others for food.

3. Write 'T' for correct statement and 'F' for incorrect statement.

- I. We have four sense organs.  
II. We see with our ears.  
III. We feel things with our skin.

#### Codes

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