

Please check the examination details below before entering your candidate information

Candidate Name	Class	Section
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# BLOOM Mathematics Olympiad (BMO)

Question Paper 2024-25

Class  
**1**

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 #110

**M1**



# Bloom Mathematics Olympiad Class 1

1. What is the hidden number?

15, 16, ....., 18, 19

(a) 12

(b) 13

(c) 14

(d) 17

2. Samy has ₹ 87 with her but the doll she wants to buy costs ₹ 99. How much more money does she need?

(a) ₹ 10

(b) ₹ 12

(c) ₹ 13

(d) ₹ 15

3. Albert weighs 7 kg more than his brother Liam who weighs 18 kg. What is their weight altogether?

(a) 43 kg

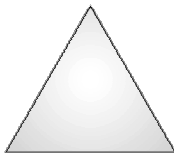
(b) 25 kg

(c) 23 kg

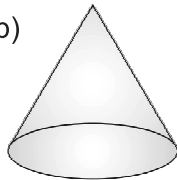
(d) 41 kg

4. Which of the following figure can roll?

(a)



(b)



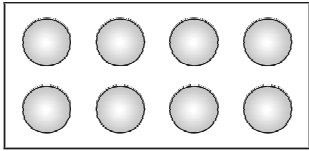
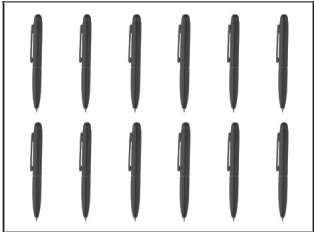
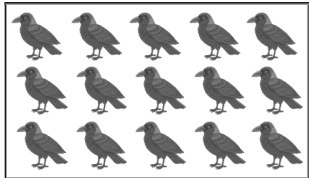
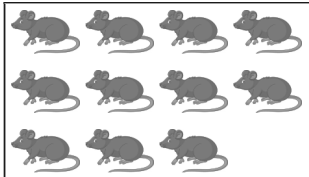
(c)



(d)



5. Match the following.

	Column I		Column II
(i)		(A)	15
(ii)		(B)	11
(iii)		(C)	8
(iv)		(D)	12

(a) A B C D

(b) C D A B

(c) B C D A

(d) D B C A

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6. Which of the items can be bought for exactly ₹ 35?



₹ 20



₹ 5



₹ 10



₹ 30

(a) Pencil and eraser

(b) Sharpener and eraser

(c) Sharpener and pencil box

(d) Pencil box and eraser

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7. What is Aarav's height if he is 17 cm taller than his friend Abhishek who is 55 cm tall?

(a) 80 cm

(b) 72 cm

(c) 50 cm

(d) 68 cm

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8. Chintu said, my favourite number comes after 50 and before 54. Sum of the digits is 8. What is the number?

(a) 50

(b) 51

(c) 53

(d) 52

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9. Which one of the following is biggest?

11, 3, 15, 21, 14, 10

(a) 11

(b) 21

(c) 15

(d) 14

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10. The word 'MATHEMATICS' has ..... letters.

(a) 12

(b) 11

(c) 10

(d) 9

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11. There are 27 seats in a bus. If 11 children are already sitting in it, how many more children can sit inside the bus?

(a) 16

(b) 15

(c) 10

(d) 12

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12. The weight of one packet of milk is 1 kg. What is the weight of 3 such packets?

(a) 5 kg

(b) 2 kg

(c) 3 kg

(d) 4 kg

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13. What is the correct Ascending order of 12, 14, 8, 10, 5

(a) 5, 8, 12, 14, 10

(b) 5, 8, 10, 12, 14

(c) 14, 12, 10, 8, 5

(d) 14, 10, 12, 8, 5

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14. If the cost of a book is ₹ 47 and Nanu has ₹ 25 with him, how much more money does he need to buy the book?

(a) ₹ 20

(b) ₹ 21

(c) ₹ 19

(d) ₹ 22

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15. What will be the multiplication fact for  $5 + 5 + 5 + 5$ ?

(a)  $3 \times 5$

(b)  $5 \times 2$

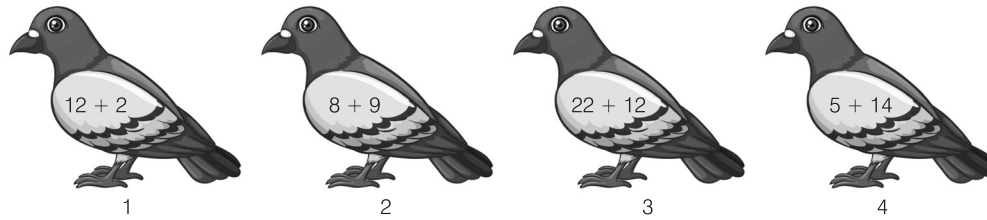
(c)  $4 \times 3$

(d)  $4 \times 5$

16. There are 7 baskets in a garden, each basket has 5 apples. How many apples are there?

- (a) 30 (b) 32 (c) 35 (d) 40

17. Arrange the given below pigeons smallest to greatest?



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

18. Which one of the following is the correct mirror image of 36.

- (a) 63 (b) ९९ (c) ७९ (d) ९३

19. Radha has 12 apples. Her sister gave her 2 more apples. But her brother takes away 3 apples from her. How many apples does Radha have now?

- (a) 11 (b) 10 (c) 12 (d) 14

20. Seeta goes to the market to buy a notebook worth ₹ 35 and a box of crayons worth ₹ 40. How much money will she have to pay to the shopkeeper?

- (a) ₹ 65 (b) ₹160 (c) ₹ 75 (d) ₹ 70

21. What will be the number if reduce 8 from the number and 14 will be left?

- (a) 20 (b) 19 (c) 21 (d) 22

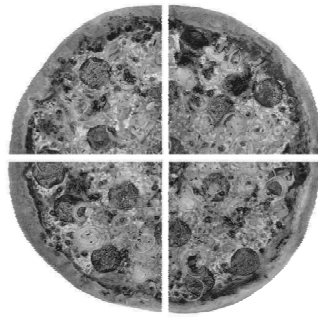
22. Rekha visited a pet store and saw 5 dogs there. How many legs altogether do these five dogs have?



- (a) 10 (b) 12 (c) 15 (d) 20

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**23.** Shivam placed an order for 4 pizzas, each with 4 slices. How many total slices are there?



- (a) 10  
(c) 14

- (b) 12  
(d) 16

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**24.** Guess, Who am I?

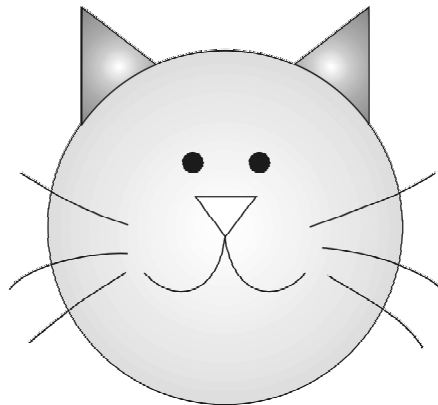
I come after 60 and before 64. Sum of my digits is 8.

- (a) 62  
(c) 64

- (b) 63  
(d) 65

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**25.** Drawing created by Nikita. Exactly how many triangles are depicted in the image?



- (a) 4  
(c) 2

- (b) 3  
(d) 1

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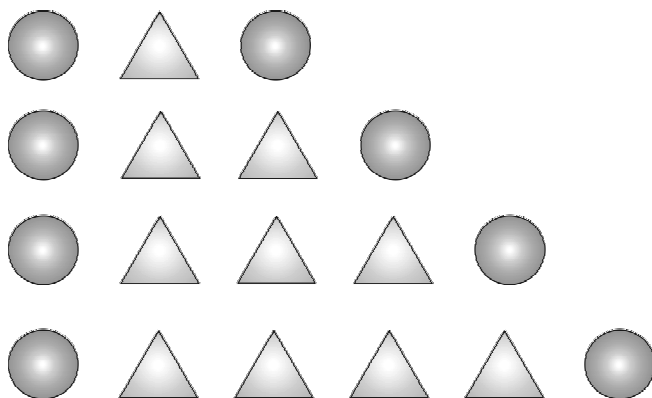
**26.** Dora was solving patterns. Fill in the missing numbers in it.



- (a) 8, 9  
(c) 9, 11

- (b) 9, 10  
(d) 8, 11

27. How many triangles will come in the next row?



- (a) 4 (b) 2 (c) 3 (d) 5

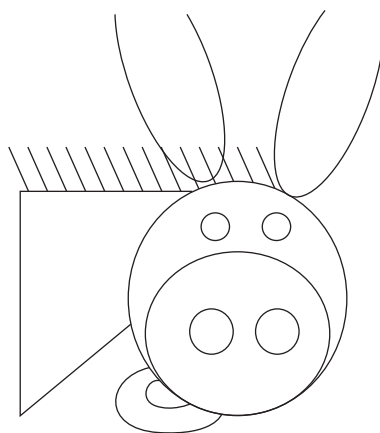
28. A number says 'Add 5 to me and you will get 24'. What is the number?

- (a) 20 (b) 19 (c) 18 (d) 21

29. If a ball weighs 3 kg, then the weight of how many such balls taken together will be equal to a weight of 18 kg?

- (a) 5 (b) 6 (c) 4 (d) 7

30. Harry drew a picture of a donkey. How many circles do you see in the image?



- (a) 3 (b) 6 (c) 4 (d) 7

31. A tailor has 50 m of cloth. For one pant, he requires 4 m of the cloth. After making 5 pants, how many clothes will be left with him?

- (a) 30 m (b) 25 m (c) 20 m (d) 15 m

32. Find  $X + Y$  when

$$\begin{array}{r} 9Y \\ -X4 \\ \hline 33 \end{array}$$

- (a) 6 (b) 7 (c) 13 (d) 12

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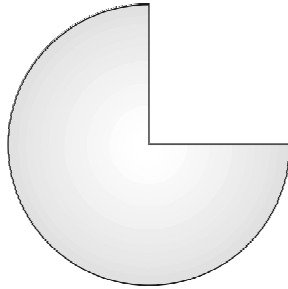
**33.** Sam goes to a park at 5 PM and comes back home at 7 PM. He, then studies till his dinner is served at 8 : 30 PM. How much time did he study?

- (a) 1 hour 30 minutes      (b) 2 hours      (c) 2 hours 30 minutes      (d) 3 hours
- 

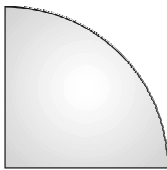
**34.** Number name for 87 is

- (a) eighty five      (b) eighty seven      (c) eighty one      (d) eighty nine
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**35.** Which of these shapes should be combined with the given shape to form a circle?



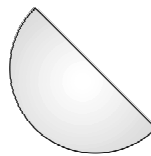
(a)



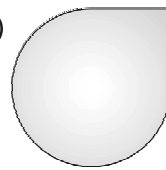
(b)



(c)



(d)



## 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.

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1. Deepak and Aryan had an equal number of Chocolates.

Deepak ate  $\frac{1}{5}$  of his chocolates.

Aryan ate  $\frac{1}{4}$  of his chocolates.

Who had more chocolates left?

- (a) Deepak (b) Aryan  
(c) Both had the same number of chocolates left. (d) It is not possible to determine this.

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2. Rectangular living room measures 12 feet by 10 feet. A carpet placed on the floor leaves a border 2 feet wide all around it. What is the area of the border?

- (a) 72 (b) 82 (c) 98 (d) 102

- 
3. The science museum is 16 km away. Akshay and his family have already driven 7 km. How many more kilometre do they have left to drive?

- (a) 9 km (b) 11 km (c) 7 km (d) 23 km