

Please check the examination details below before entering your candidate information

Candidate Name

Class

Section

**BLOOM Reasoning  
Olympiad (BRO)**  
Question Paper 2023-24

Class  
**4**

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

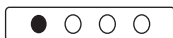
**Total Time Allotted :**  
60 minutes

**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

**R4**



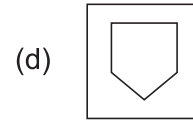
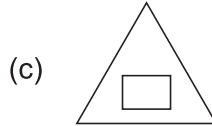
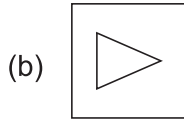
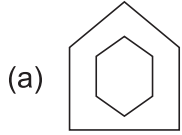
## Bloom Reasoning Olympiad Class 4

1. Choose the words that complete the second pair in the same way as the first pair.

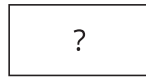
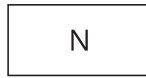
Calender : Days :: Clock : ?

- (a) Temperature      (b) Time      (c) Distance      (d) Speed

2. Choose the odd one out figure given below.



3. Which letter will come in last rectangle ?



- (a) R      (b) S      (c) Q      (d) O

4. In a code language, if B = 2 and 'RED' = 27 then, how will you code 'SAD' ?

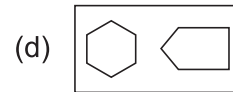
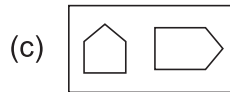
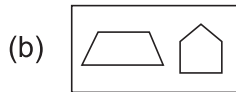
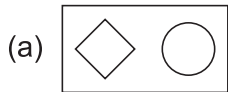
- (a) 27      (b) 25      (c) 24      (d) 23

5. Arrange the following terms in meaningful order.

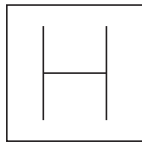
1. Day      2. Second      3. Hour      4. Minute

- (a) 1234      (b) 2341      (c) 2134      (d) 2431

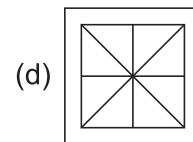
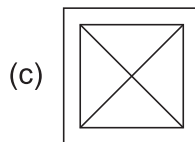
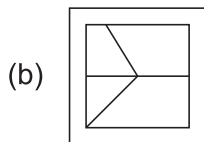
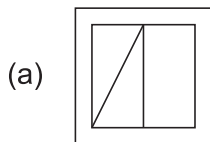
6. Which set of shapes/figures with the same number of corners ?



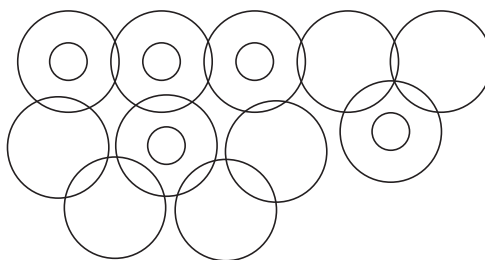
7. One question figure is followed by four option figures. In one of the options, the figure similar to the question figure is embedded. Find the figure.



Question Figure



8. Count the number of circles in the given figure



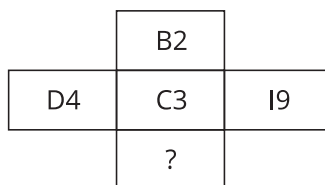
- (a) 15 (b) 16 (c) 17 (d) 20

9. Sonu writes his one body part on a piece of paper and stands besides the mirror. How the letters of the body part's name will appear in the mirror ?



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

10. Certain blocks were arranged having a number and a letter on them. Find the missing number and letter.



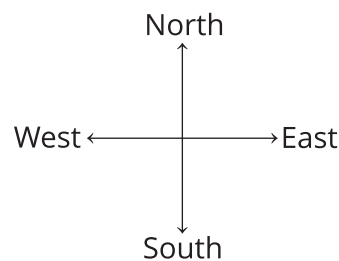
- (a) C2 (b) M10 (c) F6 (d) J8

11. Suresh scored higher marks than Mahesh, Mahesh scored higher than Pankaj and Pankaj scored higher marks than Sushma , who scored the lowest marks?

- (a) Suresh (b) Mahesh (c) Sushma (d) Pankaj

**Directions** (Q. Nos. 12 and 13) Use the figure to answer the given questions

		U		
V				
T		M		L
		P		



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12. Which letter is North of M ?

(a) P

(b) U

(c) L

(d) T

---

13. Which letter is West of 'L' ?

(a) V

(b) U

(c) T

(d) P

---

14. Find the odd one out of the following.

(a) 2

(b) 5

(c) 3

(d) 6

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15. Soma remembers that her mother's birthday is between 10th and 14th April, whereas her brother remembers that their mother's birthday is between 12th and 15th April. On which date is their mother's birthday comes ?

(a) 12th April

(b) 13th April

(c) 11th April

(d) 14th April

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16. In a certain code, 'MAKING' is written as 'GNIKAM'. How 'RUSH' can be written in that code ?

(a) RHSU

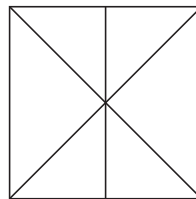
(b) SUHR

(c) HSUR

(d) USHR

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17. How many squares are there in the given figure ?



(a) 0

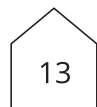
(b) 1

(c) 3

(d) 2

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18. Find the missing number.



(a) 40

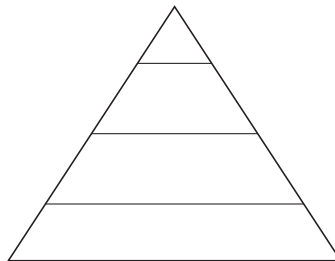
(b) 43

(c) 45

(d) 46

---

19. How many triangles are there in the given figure?



(a) 2

(b) 3

(c) 4

(d) 5

20. Which of the following words can be formed by using the letters of the word 'INTERNATIONAL' ?  
(a) TERMINAL (b) ENTRY (c) RENTAL (d) TENSION

21. Some letters and their codes have been given below

A	B	H	G	I	M
@	*	!	&	$\beta$	0

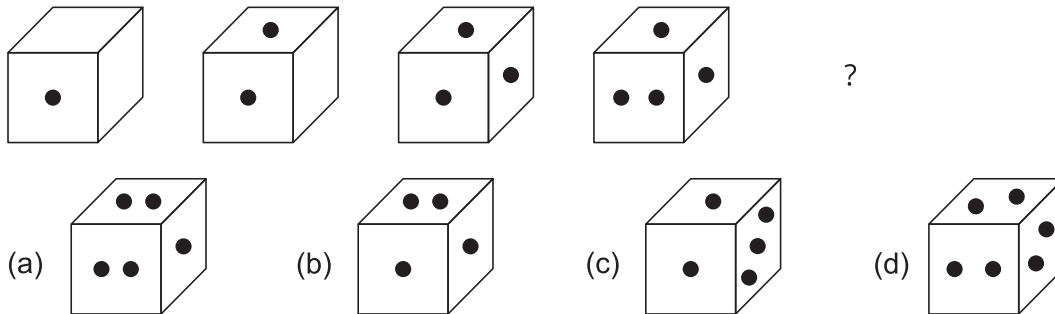
The code for the word HIGH is

- (a) @ ! &  $\beta$  (b) !  $\beta$  & ! (c) ! &  $\beta$  ! (d) \* !  $\beta$  !
22. Boxing is related to 'Ring' in the same way 'Tennis' is related to  
(a) Ground (b) Court (c) Pool (d) Arena

23. Complete the second pair in the same way as the first pair  $\frac{25}{45} : \frac{5}{9} :: \frac{32}{44} : ?$

- (a)  $\frac{16}{44}$  (b)  $\frac{11}{4}$  (c)  $\frac{8}{11}$  (d)  $\frac{8}{17}$

24. Identify the figure that completes the pattern ?

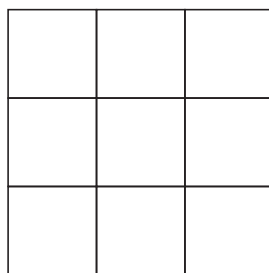


25. Raju starts moving from a point towards North 10m, then he turned to his right and moves 5m, again he turns right and moves 10m. In which direction he is facing now ?  
(a) East (b) West  
(c) North (d) South

26. In a certain code language '345' means Raman is cute, '489' means Raman sings song. What is the digit which represents 'Raman' in the same language ?  
(a) 4 (b) 5  
(c) 8 (d) 9

27. In the given question, one of which word cannot be formed by using the letters of the given word ?  
'REASONING'  
(a) REASON (b) SING  
(c) SONAR (d) SONIYA

28. The maximum number of squares in the given figure is



- (a) 10 (b) 11 (c) 13 (d) 14

29. The given figure (X) is embedded in which option figure ?

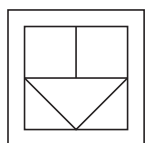


Figure (X)

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

30. From the given options choose the correct mirror image of the given figure (X).

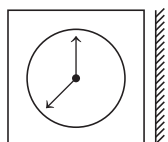


Figure (X)

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

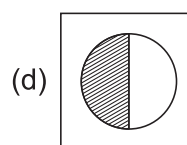
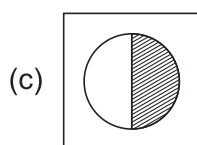
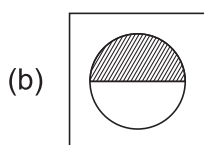
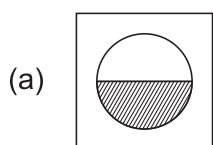
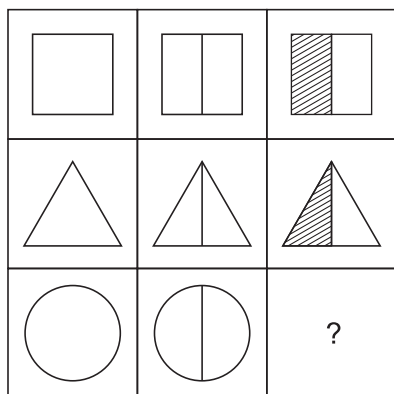
31. In a bakery shop, shopkeeper needs 4 eggs for every cake he bakes. Which pair describes cakes and eggs correctly ?

- (a) 2 cakes, 6 eggs (b) 3 cakes, 8 eggs  
(c) 2 cakes, 7 eggs (d) 3 cakes, 12 eggs

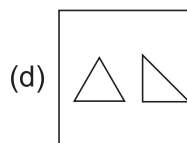
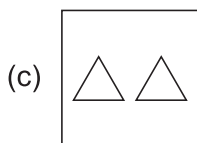
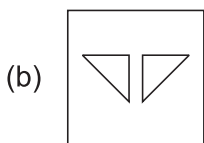
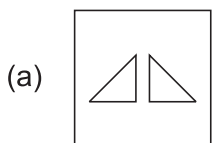
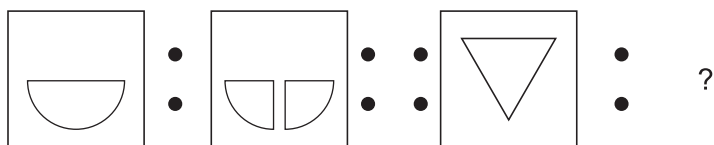
32. Sumit has a flight ticket on 15th June. June 1 is Thursday. On which day of the week is his journey ?

- (a) Monday (b) Tuesday  
(c) Wednesday (d) Thursday

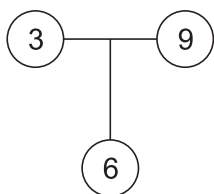
33. Select a suitable figure from the given alternatives that would complete the figure.



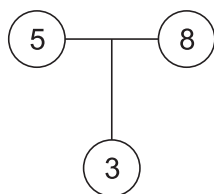
34. In the given question, select the related figure from the given alternatives.



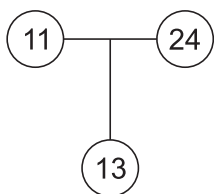
35. Find the missing number , if a certain rule is followed in the given figure.



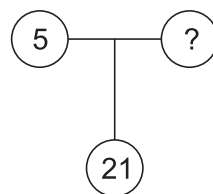
(a) 24



(b) 23



(c) 26



(d) 16

## 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. Study the table carefully to answer the question given below.

Letters	A	B	C	D	E	F	G	H	I	J	K
Codes	@	9	5	g	4	q	t	l	7	2	0

Find the code for 'HIGH'.

- (a) l 7 7 t                      (b) H 7 t l                      (c) l 7 t l                      (d) 5 g 7 R

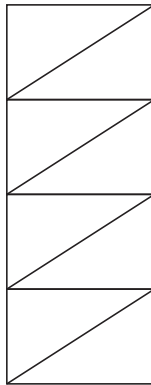
- 
2. Answer the following questions based on the sequence of letters given below.

X U M L E F G H N I D A Q R U I L T M Q P E G F I L

If we dropped all the vowels then which of the following letter is 4th from the left end ?

- (a) L                      (b) F                      (c) E                      (d) G

- 
3. Count the number of triangles in the given figure.



- (a) 10                      (b) 6                      (c) 7                      (d) 8