

International Olympiad Foundation (IOF)
(IOLYMPIADS LLP)

Certifying Talents Across World



Question Paper &
Answer Sheet
CLASS-5

 **IFRAO**
International Foundation
Reasoning & Aptitude
Olympiad

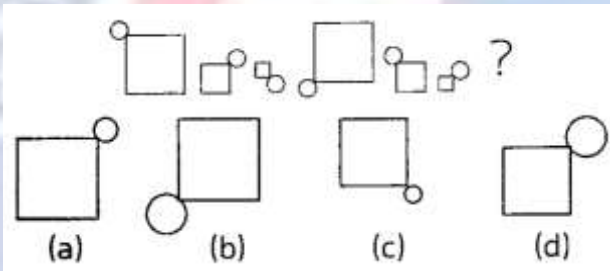
International Foundation
Reasoning & Aptitude Olympiad(IFRAO)
CLASS - 5
QUESTION PAPER - 2021

SECTION-A
Verbal Reasoning

1. Find the letters which will complete the second pair in the same way as the first pair.



- (A) ZT (B) KU
(C) YW (D) XU
2. Which figure will come next?



3. Complete the following series.

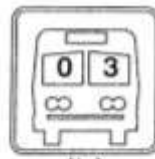
$\frac{2}{9}$	$\frac{6}{15}$	$\frac{18}{21}$	$\frac{54}{27}$?
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- (A) $\frac{160}{30}$ (B) $\frac{108}{33}$
(C) $\frac{152}{36}$ (D) $\frac{162}{33}$

4. The given options show the number on four different buses. Which bus number is different from others?



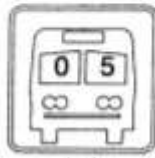
(a)



(b)



(c)



(d)

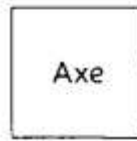
5. Which word does not belong to the group?



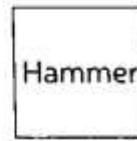
(a)



(b)

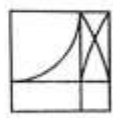
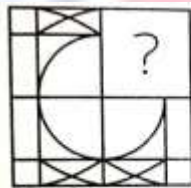


(c)

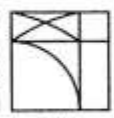


(d)

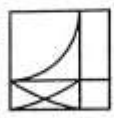
6. Which of the following option will complete the below figure?



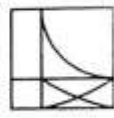
(a)



(b)



(c)



(d)

7. Rahul, Sunny and Rohit are the members of a cricket team. The jersey number of Rahul is 60 and of Sunny is 93. Find the jersey number of Rohit.



(A) 68

(B) 70

(C) 90

(D) 72

8. In a queue, John's position from the left is 13th and Joy's position from the right is 20th. If there are 4 boys between them. What is the total number of boys in the line?

(A) 36

(B) 35

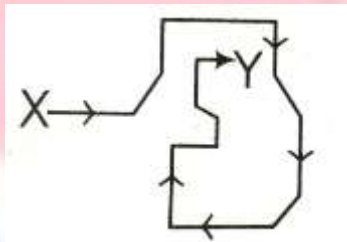
(C) 37

(D) 38

Directions (9-10) Answer the following questions on the basis of the following sequence of letters.

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

9. Which letter is 8th to the right of 10th letter from the left?
(A) P (B) T
(C) R (D) W
10. If 1st and 2nd letters interchange their positions and similarly 3rd and 4th letters, the 5th and 6th letters and so on. Which will be 12th letter from the right end?
(A) P (B) O
(C) N (D) Q
11. Which would be a meaningful order of the following?
1. Consultation 2. illness 3. Doctor 4. Treatment 5. Recovery
(A) 4,3,1,2,5 (B) 2,3,4,1,5
(C) 2,3,1,4,5 (D) 4,1,5,3,2
12. If a person starts walking from point X and want to reach point Y, in how many directions will that person have to walk?

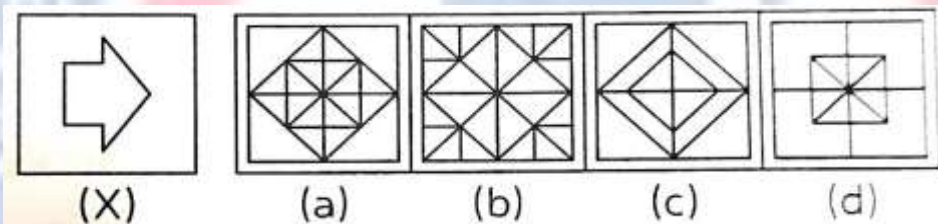


- (A) 4 (B) 8
(C) 14 (D) 10
- Directions: (13-16) Read the following information and answer the questions given below.
- i) James and Lee are good in volleyball.
 - ii) Lee and Brane are good in Baseball.
 - iii) Brane and James are good in Basketball.
 - iv) Karl and Lee are good in Hockey.
13. Who is good in three games?
(A) James (B) Lee
(C) Brane (D) Karl

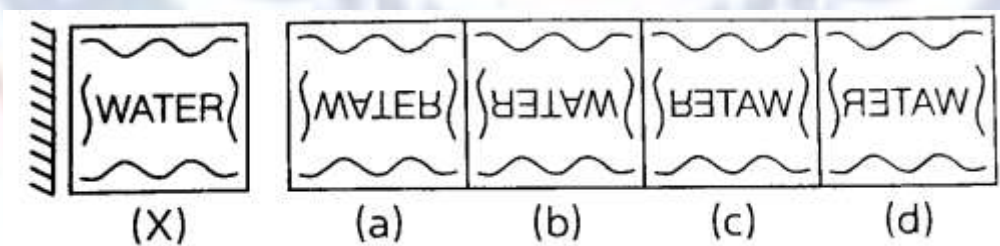
14. Who is good in only one game?
 (A) Karl (B) Brane
 (C) James (D) Lee
15. Who is good in basketball and baseball?
 (A) Lee (B) Brane
 (C) Karl (D) James

SECTION-B Non Verbal Reasoning

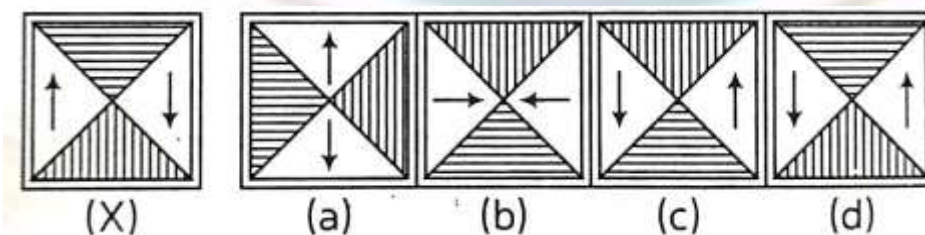
16. Which of the following pair of boys is good in only two games?
 (A) James and Brane (B) Karl and James
 (C) Lee and Brane (D) James and Lee
17. Liza draws the following figures. Help Raj to find out the figure in which the smaller figure (X) is hidden.



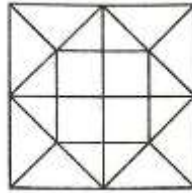
18. Which of the following is the correct mirror image of given word, if the mirror is placed vertically left?



19. Choose the correct water image of the figure (X) given below.

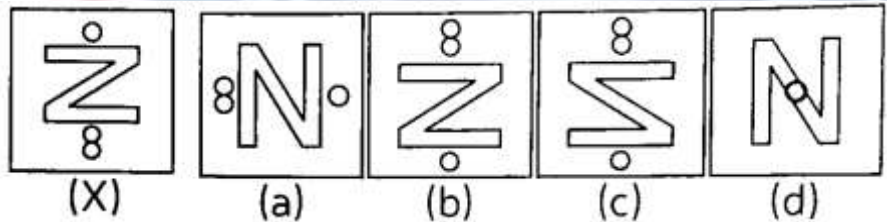


20. Count the number of straight lines in the figure given below.

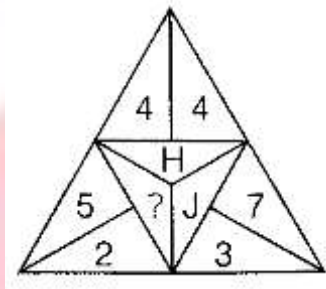


- (A) 9 (B) 18
(C) 11 (D) 17

21. Which of the following is view of figure (X) after 180° rotation anti-clockwise?

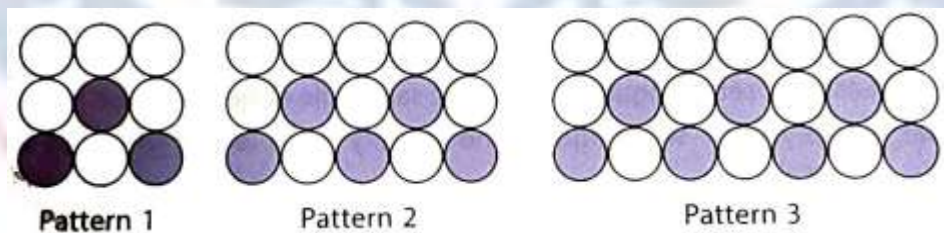


22. Which letter will replace the question mark?



- (A) G (B) I
(C) C (D) B

23. How many shaded circles will be there in pattern 81?



- (A) 161 (B) 162
(C) 163 (D) 160

24. A piece of paper is torn. In which column did the number 88 appear?

I	II	III	IV
1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18		

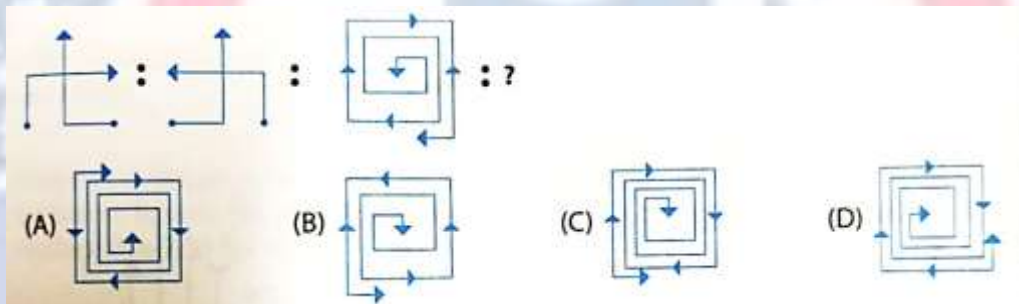
- (A) I (B) II
(C) III (D) IV

25. Which of the following options will complete the given number series?

3, 9, 27, 81, ?

- (A) 324 (B) 243
(C) 210 (D) 162

26. Identify the relation between the given pair on either side of :: and find the missing figure.



27. Find the odd one out.

- (A) 8 (34) 9 (B) 5 (34) 12
(C) 7 (144) 11 (D) 9 (48) 15

28. Select a figure from the options which is exactly embedded in the given fig(X).

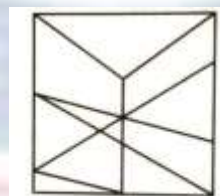
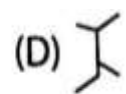
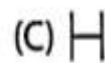
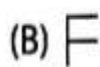
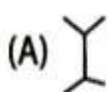
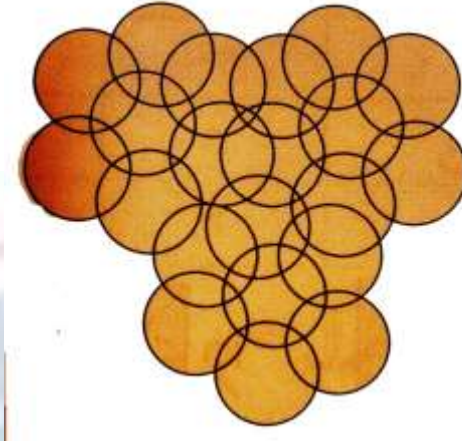


Fig. (X)

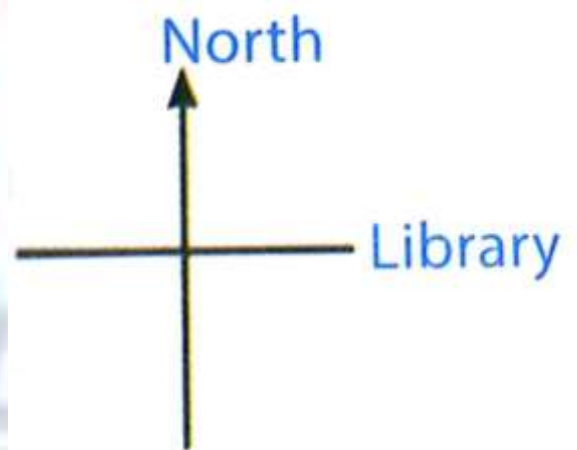


29. Count the number of circles in the adjoining figure.



- (A) 19 (B) 20
(C) 21 (D) 22

30. Riya was facing the library at the beginning. She turned anticlockwise to face south. What angle did she turn through?



- (A) 180° (B) 225°
(C) 270° (D) 45°

SECTION - C

Mathematical Reasoning

31. Arrange the words in a meaningful logical order and then select the appropriate sequence from the options provided below the group of words.

1. Trillion 2. Thousand 3. Billion 4. Hundred 5. Million
- (A) 1,2,4,3,5 (B) 1,5,3,2,4
(C) 4,2,3,5,1 (D) 4,2,5,3,1

32. Which word can be made from the given combination of letters?

TECHNOLOGY

(A) ECOLOGY

(B) LONELY

(C) ALONG

(D) LONGEST

33. Sri, Amar, Trisha and Mira are cousins. Sri is shorter than Mira. Trisha is the tallest of all. Amar is taller than Mira. Who is the shortest of all?

(A) Sri

(B) Mira

(C) Amar

(D) Trisha

34. If INDIA is coded as 23426 and GREEN is coded as 78994, then how will DEAR be coded?

(A) 2396

(B) 9468

(C) 4968

(D) 4986

35. If 'chair' is called 'table', 'table' is called 'furniture', 'furniture' is called 'desk', 'desk' is called 'almirah', 'almirah' is called 'bench' and 'bench' is called 'bed', then where the clothes are kept?

(A) table

(B) almirah

(C) bench

(D) furniture



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ANSWER SHEET

Question No.	Answer	Question no.	Answer
1.	C	19.	C
2.	C	20.	B
3.	D	21.	B
4.	A	22.	A
5.	D	23.	C
6.	B	24.	D
7.	B	25.	B
8.	C	26.	B
9.	C	27.	C
10.	A	28.	A
11.	C	29.	C
12.	B	30.	C
13.	B	31.	D
14.	A	32.	A
15.	B	33.	A
16.	A	34.	C
17.	A	35.	C
18.	D		

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