

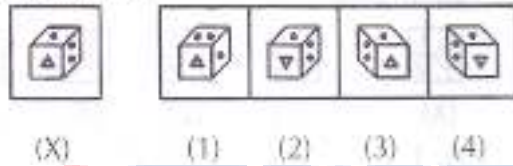
**International Foundation Mathematics Olympiad(IFMO)**  
**CLASS 4**  
**WORKSHEET – 4**

**SECTION-A ( Logical Reasoning )**

1. Which one is different from others?
  - a) Walks
  - b) Sail
  - c) Ride
  - d) Drive
  
2. In the following question which alternative will replace the question mark.  
KM is to OJ as VH is to ?
  - a) AG
  - b) YF
  - c) ZE
  - d) YG
  
3. Find the next letter in the series.  
Z Y V Q J ?
  - a) A
  - b) B
  - c) C
  - d) D
  
4. If day after tomorrow is Saturday, what day was 3 days before yesterday ?
  - a) Monday
  - b) Sunday
  - c) Tuesday
  - d) Thursday
  
5. The length and breadth of a room are 8 m and 6 m respectively. A cat runs along all the four walls and finally along a diagonal in order to catch a rat. How much total distance is covered by the cat?
  - a) 10

- b) 14
- c) 38
- d) 48

6. Choose the correct mirror image of the given figure (X) from amongst the four alternatives.



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

7. Which letter occurs twice in INDIA and twice in BRITAIN?

- a) T
- b) D
- c) I
- d) N

8. Find the letter which will end the first word and start the second word.

CAME?IGHT

- a) R
- b) L
- c) P
- d) K

9. In the following question which alternative will replace the question mark.

22 is to 11 as 24 is to?

- a) 11
- b) 12
- c) 14
- d) 30

10. If MEGHA is coded as NFHIB and PEARL is coded as QFBSM, then Identify the code for AKHILESH.
- a) BLIJMFTT
  - b) BLIJFMTI
  - c) BILJMFTI
  - d) BLIJMFTI

## SECTION-B ( Day to Day Mathematics )

11. Ten lakhs comes in \_\_\_\_\_ period.
- a) Thousands
  - b) Lakhs
  - c) Ones
  - d) Hundreds
12.  $MMMLXII + XCII + MMDCXLVIII =$
- a) VDCCII
  - b) VDCCCI
  - c) VDCCCII
  - d) VCCCII
13. Tick the correct statement:  
Statement A :  $999 + 0 = 999$   
Statement B :  $999 + 1 = 1 + 999 = 1000$
- a) Statement A is correct
  - b) Statement B is correct
  - c) Both are correct
  - d) Both are incorrect
14. Talwar family consumes 1000 kgs wheat in a year whereas, Mehra family consumes 959 kgs of wheat in a year. How much more kgs of wheat does Talwar family consume?
- a) 41
  - b) 45
  - c) 40
  - d) 39

15. Find the divisor, if dividend = 88, quotient = 12 and remainder = 4.
- 7
  - 8
  - 9
  - 5
16. You are thinking of a number that is multiple of 7 and 12, What is the smallest number that you can think of?
- 168
  - 49
  - 84
  - 36
17. There are 12 berries in a bowl on the counter. Two-sixths of them are raspberries. How many raspberries are in the bowl?
- 5
  - 8
  - 4
  - 6
18. Shradha needs 6 containers which can hold 15 l 600 ml oil. Find the capacity of each container.
- 2l 500 ml
  - 2l 600 ml
  - 3 l 200 ml
  - 2l 100 ml
19. Rajesh needs to buy an ice-cream worth Rs. 10. He has same coins of 25 p, 50 p, and Rs. 1. Which of the following combination of coins will help him in buying the ice-cream?
- 8 coins of 25 p, 6 coins of 50 p, and 6 coins of Rs. 1.
  - 2 coins of 25 p, 12 coins of 50 p and 4 coins of Rs. 1
  - 8 coins of 25 p, 4 coins of 50 p and 5 coins of Rs. 1
  - 4 coins of 25 p, 8 coins of 50 p and 5 coins of Rs. 1
20. Today is Monday, After 61 days, it will be :
- Wednesday
  - Saturday
  - Tuesday
  - Thursday

( Direction for Q 21 to Q 25)

Shraddha is making bedsheets to sell it in the market. She makes bedsheets of different sizes. The table showing size and price of the bedsheet is given below. Read and answer the questions

S. No.	Bedsheet	Length	Width	Price
1	Small	2 m	1 m	₹ 100
2	Medium	3 m	2 m	₹ 200
3	Large	4 m	3 m	₹ 300
4	Extra large	5 m	4 m	₹ 400
5	Deluxe	6 m	5 m	₹ 500

21. A customer asked for two extra large bed sheets. What is the perimeter of each bed sheet?
- 17 m
  - 18 m
  - 36 m
  - 34 m
22. What is the difference between the perimeter of medium bedsheets and deluxe bedsheets?
- 10 m
  - 11 m
  - 12 m
  - 13 m
23. A customer asked for 2 small bedsheets, 1 large bedsheet and 2 deluxe bedsheets. How much did he/she have to pay?
- Rs. 1000
  - Rs. 1500
  - Rs. 2000
  - Rs. 2500
24. What is the difference between the perimeter of large bedsheet and small bedsheet?
- 5 m
  - 6 m

c) 7 m

d) 8 m

25. What do we call a six-sided polygon?

a) Heptagon

b) Henagon

c) Hexagon

d) Pentagon

**ANSWER IFMO CLASS 4 – WORKSHEET - 4**

1	A	2	C	3	A	4	B	5	C	6	C	7	C	8	B	9	B	10	D
11	B	12	C	13	C	14	A	15	A	16	C	17	C	18	B	19	D	20	B
21	B	22	C	23	B	24	D	25	C										