

# International Foundation Mathematics Olympiad (IFMO)

## CLASS 3

### WORKSHEET – 5

#### SECTION-A ( Logical Reasoning )

1. Find the correct missing figures in the following questions:



- A. big circle, medium circle, small circle
- B. medium circle, big circle, small circle
- C. big circle, big circle, small circle
- D. small circle, small circle, big circle

2. Find the next pair of letters in the following series:

HP IR JT KV LX ?

- A. MY
- B. MZ
- C. YL
- D. NZ

3. Write the number that continues each sequence in the most sensible way.

11, 10, ?, 100, 1001, 1000, 10001

- A. 101
- B. 110
- C. 111
- D. None of these

4. Find the missing letters in the following series:

TW ? NE

- A. S
- B. O
- C. K
- D. N

5. Which one is different from the others?

- A. 2
- B. 4
- C. 7
- D. 6.

6. Identify the relation and complete the last blank.

A2 : BB3   C2 : DD3   G2 : ?

- A. II4                      B. EE3                      C. HH3                      D. F2

7. Identify the relation and complete the last blank.

A : D   B : E   C : F   X : ?

- A. A                              B. B  
C. Z                              D. C

8. If AT = 20, and BAT = 40, then CAT will be equal to

- A. 30                      B. 50                      C. 60                      D. 70

9. Choose the alternative which is closely resembles the water-image of the given combination.

DISC

(1) CSID

(2) DISC

(3) DISC

(4) DISC

- A. 1                      B. 2                      C. 3                      D. 4

10. DAZE is written as 41265 in a certain code. How will BOY be written in the same code?

- A. 41425                      B. 5120  
C. 21525                      D. 359

## SECTION-B ( Day to Day Mathematics )

11. Shraddha, Ashima and Sonia bought some books. Sonia bought 10 books. Shraddha bought 5 more than Sonia. Ashima bought 3 more books than Shraddha. How many books did they buy in all?

- A. 15 books                      B. 40 books  
C. 43 books                      D. 18 books



19. Identify the total value of the combination of money.

Rs 5 , Rs 10 , Rs 20 , Rs 50 , Rs 500 , 50p , 25p

- A. Rs 600 and 25p  
B. Rs 550 and 75p  
C. Rs 480 and 50p  
D. Rs 585 and 75p

20. Raju earned Rs 5 every day during September. How much money did he earn in the whole month?

- A. Rs 200  
B. Rs 180  
C. Rs 150  
D. Rs 70

21. How many meeting points are there in a square?



- A. 4  
B. 3  
C. 2  
D. 1

22. Mohit and his 3 brothers and 5 sisters shared some cards among themselves. If each boy received 15 cards and each girl received 17 cards how many cards were there at first?

- A. 140  
B. 130  
C. 145  
D. 135

23. The difference in the place value of digit 5 in numbers 5138 and 3250 is \_\_\_\_\_

- A. 4450  
B. 4950  
C. 5050  
D. 4905

24. A square has \_\_\_\_\_

- A. Four equal sides  
B. Two equal sides  
C. Three equal sides  
D. One curved edge

25. In one trip, a car can take 6 people. In how many trips can it take 30 people?

- A. 5 Trips  
B. 6 Trips  
C. 4 Trips  
D. 10 Trips

**ANSWER IFMO CLASS 3 – WORKSHEET – 5**

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