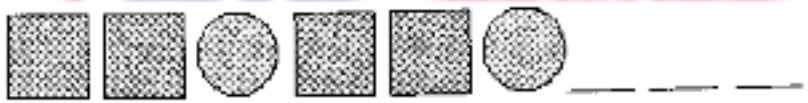


**International Foundation Mathematics Olympiad (IFMO)**  
**CLASS 3**  
**WORKSHEET – 4**

**SECTION-A ( Logical Reasoning )**

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



- A. square , circle , square
- B. square , square , circle
- C. circle , circle , square
- D. circle , square , circle

2. Identify the letter which will end the first word and start the second word.

CA ET

- A. U
- B. R
- C. T
- D. N

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

WH TJ QL NN KP JR

- A. IR
- B. JQ
- C. HS
- D. HR

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

EZ DY CX BW ?

- A. AV
- B. ZU
- C. ZV
- D. AU

5. Find the missing letters in the following series:

EY ? AR

- A. E
- B. P
- C. S
- D. T

6. Up is down as come is to ?

- A. start                      B. go                      C. after                      D. end

7. In the following question, the two words in first pair are related. Identify the word that completes the second pair in the most sensible way.

DOOR is to HOUSE as LID is to ?

- A. Box                      B. Top                      C. Screw                      D. Open

8. In a certain code, REFRIGERATOR is coded as ROTAREGIRFER. Which word would be coded as NOITINUMMA ?

- A. ANMOMIUTNI                      B. AMNTOMUIIN  
C. AMMUNITION                      D. NMMUNITION  
D. None of these

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

FROG	
(1) FROG	(2) GORF
(3) FROG	(4) GORF

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

10. If CEJQ is coded as XVQJ, then BDIP will be coded as:

- A. WURQ                      B. YWRK                      C. WUPI                      D. YWPI

## SECTION-B ( Day to Day Mathematics )

11. Which option complete the pattern?

\_\_\_\_\_ + 6 = 9

\_\_\_\_\_ + 60 = 90

\_\_\_\_\_ + 600 = 900

- A. 2, 22, 200                      B. 2, 20, 220  
C. 2, 22, 220                      D. 3, 30, 300

12. State whether the following statements are true or false

- A.  $5746 + 2222$  is as same as  $3984 + 3984$
- B. If we add 777 to 7777 we will get 8554
- C. If we add 89 to 6789 we will get 6879
- D.  $3000 + 175$  is more than  $2981 + 179$

- A. TFFF
- B. FFTT
- C. TFTF
- D. FTFT

13. Vishal and Amit wrote a total of 678 words. If Vishal wrote 250 words, how many words did Amit write?

- A. 425 words
- B. 428 words
- C. 931 words
- D. 831 words

14. Jojo multiplied 3 with a number and found an answer. His friend Jeenu made 9 groups of a number and found that his answer is same as Jojo answer so he shared it with her sister Juni. Juni told Jeenu that he has just interchanged the numbers multiplied by Jojo. Can you find the answer that both Jojo and Jeenu found?

- A. 30
- B. 29
- C. 28
- D. 27

15. Shraddha clicked 24 pictures. She distributed them equally in 8 friends. How many picture does each friend has?

- A. 8
- B. 4
- C. 3
- D. 24

16. How many pieces of 5cm can be cut from a ribbon 85 cm in length?

- A. 17
- B. 15
- C. 16
- D. 18

17. Viru's mom bought 18 kg of rice, while Jaggi and Billu's mom bought 14 kg and 21 kg of rice respectively. What is total weight of rice that was bought?

- A. 50 kg
- B. 51 kg
- C. 52 kg
- D. 53 kg

18. What time is referred as midnight ?

- A. 12am  
C. 1 pm
- B. 12 pm  
D. 2 am

19. Anil practices piano daily for 15 minutes. How many minutes does he practice in 4 days?

- A. 1 hour  
C. 1 hour 15 minutes
- B. 50 minutes  
D. 2 hours

20. Fill in the blanks in question to get the resultant .

$$75 + 20 + \underline{\quad} = 150$$

- A. 45  
C. 55
- B. 50  
D. 70

21. My shape is found on yield signs and on the frames of a bridge. Although only have three sides, I can be very strong. What am I?

- A. rectangle  
C. square
- B. circle  
D. triangle

22. How many Hundred's Ten's and Ones respectively should be added to get the smallest 3 digit number?

- A. 0, 0, 1  
C. 1, 0, 0
- B. 1, 1 and 1  
D. 1, 1 and 9

23. How many times does the digit '0' appear between 1 and 100.

- A. 9  
C. 11
- B. 10  
D. 12

24. The board shows the cost of a ticket at a theatre.

ADULT – Rs 10

CHILD – Rs 4

How much does it cost for 4 adult and 3 child tickets?

- A. 52 Rs  
C. 60 Rs
- B. 28 Rs  
D. 120 Rs

25. Radhika wants to buy a videogame that costs Rs 205. She has saved Rs 147. How much more money does she need to buy the videogame?

- A. Rs 158
- C. Rs 68

- B. Rs 58
- D. Rs 168

**ANSWER IFMO CLASS 3 – WORKSHEET – 4**

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

