

International Foundation Mathematics Olympiad (IFMO)
CLASS 3
WORKSHEET – 2

SECTION-A (Logical Reasoning)

1. Write the numbers to complete the following table:

IN	18	17	16	15	10	9
OUT	15	14	13			

- A. 10, 8, 6 B. 4, 6, 8 C. 12, 7, 6 D. 12, 8, 4

2. Find the next pair of letters in the series

AH BI CJ DK ?

- A. EL B. PU C. OT D. MS

3. Find the next letter in the series given below.

W V T Q M ?

- A. F B. G C. I D. H

4. Find the next letter in the series given below.

HI IH HJ JH ?

- A. GJ B. HK C. JG D. KH

5. Find the missing letters in the following series:

SI ? AP

- A. T B. P C. O D. X

6. Identify the one which is different from the others.

- A. 45 B. 65 C. 85 D. 20

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.
ELBOW is to FINGER as KNEE is to?
- A. Hip B. Toes C. Hand D. Shoulder
8. If in a certain language, UTENSIL is coded as WVGPUKN, Which word would be coded as DMSFXG?
- A. BKQEVE B. BKQDWE C. BKQDWF D. BKQDVE
9. If ZIP=30 and ZAP=38, what will be VIP-?
- A. 174 B. 43 C. 34 D. 113
10. Choose the alternative which is closely resembles the water-image of the given combination.

D6Z7F4
 (1) D6Z7F4 (2) 4F7S0D
 (3) 4F7S0D (4) 4F7S0D

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

SECTION-B (Day to Day Mathematics)

11. Which number makes the equation true?

$$1508 + 125 = 2407 + ?$$

- A. 226 B. 774 C. 126 D. - 774

Direction (12-13) : The cost of a cooler is 3400 rupees and the cost of a almirah is 1875 rupees more than that of the cooler.

12. Find the cost of the almirah

- A. Rs5325 B. Rs 5300 C. Rs 5200 D. Rs 5250

13. Find the total cost of both the cooler and the almirah.

- A. Rs 8500 B. Rs 8700 C. Rs 8775 D. Rs 8200

14. Which number complete the pattern?

$$9 - 5 = \underline{\hspace{2cm}}$$

$$90 - 50 = \underline{\hspace{2cm}}$$

$$900 - 500 = \underline{\hspace{2cm}}$$

A. 4, 40, 440

B. 5, 500, 550

C. 5, 50, 500

D. 5, 55, 550

15. A basket has 10 apples in it. How many apples are there in 7 such baskets?

A. 60

B. 70

C. 80

D. 90

16. 50 chocolates are shared equally among seven children. How many chocolates are left over?

A. 1

B. 2

C. 3

D. 4

Direction (17-18) Pragma was visiting a market. She saw all types of vegetables and fruits in various sizes. She wanted to know their weight, so she picked them one by one as given below. Order the vegetable given below from heaviest to lightest to help Pragma.

17.

A. Pumpkin

B. Brinjal

C. Tomato

D. Lady finger

A. BACD

B. DCBA

C. ABCD

D. ACBD

18.

A. Pineapple

B. Cherry

C. Mango

D. Chikoo

A. ACDB

B. CADB

C. CABD

D. ACBD

19. Aana's mom wants to make a cake. She bought 486 gm of flour, 200 gm of eggs and 180 gm of sugar. What is the total weight of the ingredients that Aana bought?

A. 864 gm

B. 865 gm

C. 866 gm

D. 867 gm

20. What is the difference between

9:30 am and 11:00am?

A. 1 hour

B. 1 hour 15minutes

C. 1hour 30minutes

D. 2hours

21. Fill in the blanks in question to get the resultant money.

Rs 30 + Rs 80 + Rs 25 + _____ = Rs 150 and 50p

A. Rs 50.50p

B. Rs 25.50p

C. Rs 20.25p

D. Rs 15.50p

22. I can be found around your yard or even in your bedroom. It's because of me that toys roll and bikes go! I have no sides and no corners. What am I?

A. rectangle

B. circle

C. square

D. triangle

23. Mansi planted 3 rows of trees, with 8 trees in each row. How many trees did Mansi plant altogether?

A. 24

B. 11

C. 8

D. 3

24. Fatima has 21 pencils. John has 46 pencils.

How many more pencils does John have compare with Fatima?

A. 25

B. 26

C. 46

D. 67

25. Which of the following option is in the shape of a sphere?

A. dice

B. ball

C. ring

D. disc

ANSWER IFMO CLASS 3 – WORKSHEET – 2

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

