

# International Foundation Mathematics Olympiad (IFMO)

## CLASS 3

### WORKSHEET – 1

#### SECTION-A ( Logical Reasoning )

1. Find the numbers to complete the following table:

IN	4	5	6	7	9	10
OUT	8	9	10			

A. 10, 8, 6

B. 11, 13, 14

C. 6, 10, 14

D. 12, 8, 4

2.



Find the missing figures

A. circle, circle, pentagon

B. circle, pentagon, pentagon

C. pentagon, pentagon, pentagon

D. circle, pentagon, circle

3. Find the next letter in the series;

B D F H J L ?

A. N

B. P

C. O

D. M

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

P M J G D ?

A. L

B. B

C. A

D. Z

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

KU KT LS LR MQ ?

A. NP

B. NQ

C. QM

D. MP

6. Find the missing letters in the following series:

TA ? OT

A. W                      B. E                      C. K                      D. P

7. Find the odd one out.

A. PR                      B. CE                      C. WY                      D. LM

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

JASMIN is to JOHN as MANASA is to?

A. Child                      B. Girl                      C. Youth                      D. Martin

9. If ROBUST is coded as QNATRS in a certain language, which word would be coded as ZXCMP?

A. YWBLO                      B. YYBNO                      C. AWDLQ                      D. AYDNQ

10. If banana is apple, apple is grapes, grapes is mango, mango is nuts, nuts is guava, which of the following is a yellow fruit ?

A. Mango                      B. Guava                      C. Apple                      D. Nuts

## SECTION-B ( Day to Day Mathematics )

11. Which number makes the equation true?

$$? + 1323 = 1223 + 1223$$

A. 1223                      B. 1123                      C. 1213                      D. 1133

12. There are 1639 men, 1884 women, and 4230 Children in a village.

What is the total population of the village?

A. 7763                      B. 7700                      C. 7736                      D. 7100

13. A factory makes 3638, 3709 and 2185 Soap - cakes in three days. How many soap cakes does the factory make in three days?

- A. 9500                      B. 9532                      C. 9541                      D. 3700

14. Which number complete the pattern?

$$6 - 5 = \underline{\hspace{2cm}}$$

$$60 - 50 = \underline{\hspace{2cm}}$$

$$600 - 500 = \underline{\hspace{2cm}}$$

$$6000 - 5000 = \underline{\hspace{2cm}}$$

- A. 1, 11, 111, 1111                      B. 1, 10, 100, 1000  
C. 11, 110, 111                      D. 10, 110, 111

15. 7 pens are put in a pen stand and there are 9 such pen stands. How many pens are there in all?

- A. 63                      B. 64                      C. 65                      D. 69

16. Shraddha has written same division facts in her math note book. She was amazed to see that all the answer are from 0 - 9. Answer the division facts given below using number 0 - 9 only.

$$56 \div 7$$

- A. 6                      B. 7                      C. 8                      D. 9

17. Shraddha has written same division facts in her math note book. She was amazed to see that all the answer are from 0 - 9. Answer the division facts given below using number 0 - 9 only.

$$63 \div 9$$

- A. 6                      B. 7                      C. 8                      D. 9

18. Shraddha has written same division facts in her math note book. She was amazed to see that all the answer are from 0 - 9. Answer the division facts given below using number 0 - 9 only.

$$48 \div 8$$

- A. 6                      B. 7                      C. 8                      D. 9

19. Arushi had one kg of cherries. After she gave some to Neetu, she still has 380 gm left. How heavy were the cherries that Arushi gave to Neetu?

- A. 600 gm      B. 610 gm      C. 620 gm      D. 630 gm

20. Noon time refers to:

- A. 12 noon      B. 12 am  
C. 11:55 pm      D. 11:55 am

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

$$₹ 20 + ₹ 40 + \underline{\quad} = ₹ 160$$

- A. ₹ 50      B. ₹ 100      C. ₹ 70      D. ₹ 60

22. I am the shape of a license plate. My shape is also found on refrigerators or windows. What am I?

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

23. What is the place value of 2 in the number 2491?

- A. 2      B. 20      C. 200      D. 2000

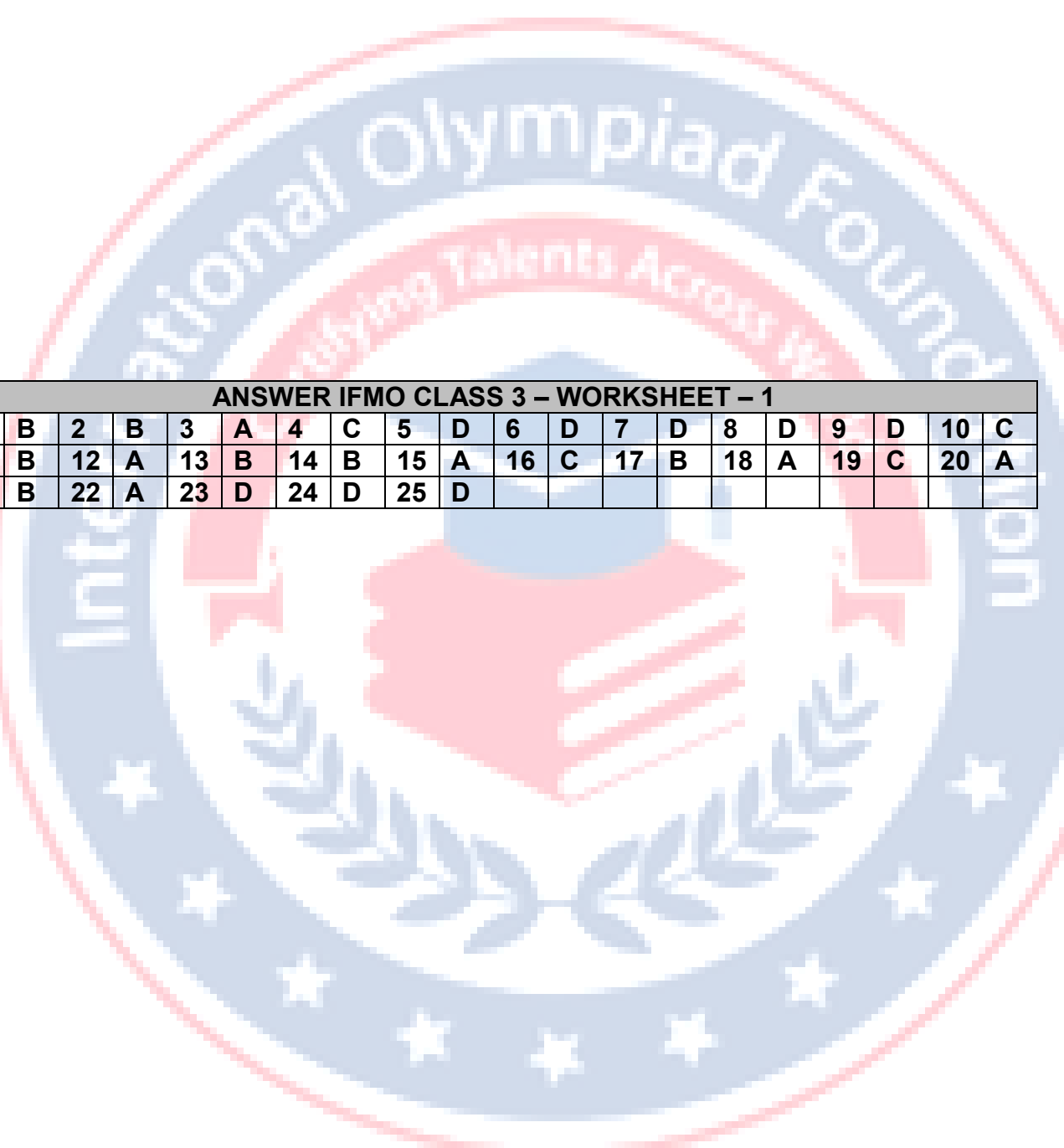
24.  $42 ( ? ) 6 = 7$

Which operation sign is missing?

- A. +      B. -      C. X      D. ÷

25. 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



**ANSWER IFMO CLASS 3 – WORKSHEET – 1**

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