

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

SECTION-A (Logical Reasoning)

1. Find the odd one out.
 - a) Bus
 - b) Car
 - c) Jeep
 - d) Cycle

2. In the following questions which alternative will replace the question mark.
NA is to LF as XN is to?
 - a) YS
 - b) VS
 - c) YM
 - d) WM

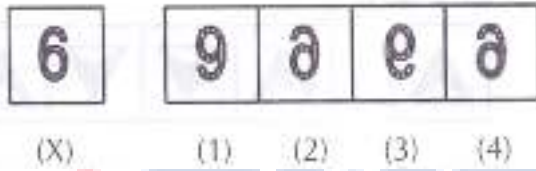
3. Find the next letter in the series.
A B E J Q ?
 - a) W
 - b) X
 - c) Y
 - d) Z

4. If the day before yesterday was Thursday, when will Sunday be?
 - a) tomorrow
 - b) today
 - c) day after tomorrow
 - d) none

5. A man walks 2 km towards North. Then he turns to East and walks 10 km. After this he turns to North and walks 3 km. Again he turns towards East and walks 2 km. Which direction he is facing now?
 - a) East

- b) North
- c) West
- d) None of these

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



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

7. If every alternate letter in the alphabet(A to Z) is deleted, then how many letter will be left in the alphabet?

- a) 12
- b) 13
- c) 14
- d) 15

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

SHAR?RINT

- a) P
- b) K
- c) T
- d) Y

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

32 is to 16 as 16 is to?

- a) 4
- b) 8
- c) 12
- d) 47

10. If MEGHA is coded as NFHIB and PEARL is coded as QFBSM, then

Identify the code for PRABHA

- a) QSBCIB
- b) QSBCBI

- c) QQBCIB
- d) QSBCCI

SECTION-B (Day to Day Mathematics)







11. Thousands period includes:
- a) Ten thousands
 - b) Tens
 - c) Ones
 - d) Hundreds
12. MMCMXXXI + MMMCMLXXXII is equal to
- a) VICMXII
 - b) VICMXI
 - c) VICMXIII
 - d) VICMX
13. Tick the correct statement.
- Statement A : We use addition when we put two or more things together.
- Statement B : We use addition when we find how many things are left.
- a) Statement A is correct
 - b) Statement B is correct
 - c) Both are correct
 - d) Both are incorrect
14. Find the Subtrahend:
- $$100 - ? = 90$$
- a) 10
 - b) 0
 - c) 90
 - d) 1
15. Find the quotient and remainder if any:
- $$93 \div 39$$
- a) Q = 2, R = 15
 - b) Q = 3, R = 15
 - c) Q = 1, R = 15
 - d) Q = 15, R = 3

16. What is the greatest length that is used to measure 8 m, 6 m and 14 m exactly?
- 4 m
 - 3 m
 - 6 m
 - 2 m
17. Out of 20 people in a line for ice cream, one-quarter want vanilla. How many people want vanilla ice cream?
- 5
 - 4
 - 6
 - 8
18. A jar can hold 4 l 250 ml honey. How much honey will be needed to fill 4 jars?
- 16 litres
 - 15 litres
 - 17 litres
 - 17 litres 250 ml
19. Sohan father needs to pay Rs. 3000 for Sohan quarterly school fees. He has the following amount with him. How much more amount father needs so that he can pay Rs. 3000 as quarterly fees?
- 1 note of Rs. 1000
 - 2 notes of Rs. 500
 - 4 note of Rs. 100
 - 7 notes of Rs. 50
 - 3 notes of Rs. 200
- Rs. 150
 - Rs. 590
 - Rs. 250
 - Rs. 190
20. Ayushi slept from 9:00 pm until 7:00 am. She had a bad dream and could not sleep from 2:45 am until 3:30 am. How many hours did she sleep?
- 10 and half an hours
 - 11 hours 45 minutes

- c) 9 hours 15 minutes
- d) 9 hours 45 minutes

(Directions For Q 21 to Q 25)

Golu kept a record of the birds she saw each day for five days. He presented his observation as a pictograph. Read the pictograph given and answer questions that follow.

Type of Bird	Number of Birds
Sparrow	
Seagull	
Pigeon	
Crow	
Parrot	
Bulbul	

21. How many crow did he saw?
 - a) 20
 - b) 25
 - c) 30
 - d) 35
22. How many more pigeon than sparrow?
 - a) 40
 - b) 50
 - c) 30
 - d) 20
23. How many less parrots than seagull?
 - a) 40
 - b) 30
 - c) 20

- d) 10
24. Which bird was seen as many times as bulbul?
- Sparrow
 - Seagull
 - Crow
 - Pigeon
25. State True/False for following :
- Pigeon was seen more than crow
 - Bulbul was seen less than seagull
 - Sparrow was seen equal times as parrot
 - Pigeon was seen more than bulbul.
- FTTF
 - TFFT
 - FTFT
 - TFTF

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