

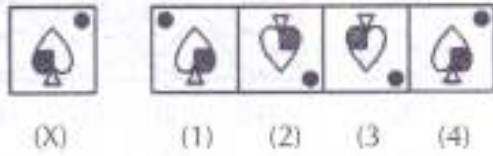
International Foundation Mathematics Olympiad(IFMO)
CLASS 4
WORKSHEET – 5

SECTION-A (Logical Reasoning)

1. Identify the one that does not belong to the group.
 - a) Staircase
 - b) Bridge
 - c) Ladder
 - d) Escalator
2. In the following question which alternative will replace the question mark.
GH is to KL as PQ is to ?
 - a) ST
 - b) TU
 - c) UV
 - d) UT
3. Find the next letter in the series.
I J H K G?
 - a) E
 - b) F
 - c) L
 - d) M
4. How many numbers amongst the numbers 9 to 54 are there which are exactly divisible by 9 but not by 3?
 - a) 5
 - b) 6
 - c) 0
 - d) 9
5. One morning Sujata started to walk towards the Sun. After covering some distance she turned to right then again to the right and after covering some distance she again turns to the right, Now in which direction is she facing?
 - a) North

- b) South
- c) North-East
- d) South-West

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



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

7. Which letter occur twice in SUPPORTER, but only once in OVERTAKE?

- a) E
- b) R
- c) P
- d) E

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

HAN?ATE

- a) K
- b) P
- c) D
- d) L

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

100 is to 50 as 90 is to?

- a) 55
- b) 40
- c) 45
- d) 85

10. If MEGHA is coded as NFHIB and PEARL is coded as QFBSM, then Identify the code of FAMILY.

- a) GBNJMW
- b) GBNJMZ

- c) GBNMJVV
- d) GBMWMJ







SECTION-B (Day to Day Mathematics)

11. Place value of 5 in 5,43, 621 is _____
- a) Lakh
 - b) Thousand
 - c) Ones
 - d) Tens
12. Write 630 as a roman numeral.
- a) DCXX
 - b) DXXX
 - c) VCXXX
 - d) DCXXX
13. Find 3 different ways to make the number 99.
- a) $99 + 0, 98 + 1, 90 + 9$
 - b) $99 + 1, 98 + 2, 90 + 10$
 - c) $99 + 0, 98 + 10, 90 + 1$
 - d) $99 + 2, 98 + 11, 90 + 9$
14. In the parking area, there were 2198 cars & 1212 bikes. How many more cars were there than bikes?
- a) 986
 - b) 987
 - c) 988
 - d) 989
15. Complete the pattern.
- $8000 \div 4 = 2000$
- _____ $\div 40 = 200$
- $8000 \div 400 =$ _____
- _____ $\div 4000 = 2$
- a) 8000, 20, 8000
 - b) 8000, 200, 8000
 - c) 8000, 2000, 8000

- d) 800, 200, 800
16. Which one of the following is a factor of 45 and not a multiple of 3?
- a) 5
 - b) 9
 - c) 15
 - d) 7
17. Golu counted 8 students in the chair, three-quarters of students have brown hair. How many students in the chair have brown hair?
- a) 4
 - b) 5
 - c) 6
 - d) 7
18. Three large containers of water, each holding 15 l 500 ml, are poured in a water tank. How much water is in the tank?
- a) 46 l 500 ml
 - b) 45 l 500 ml
 - c) 45 l 200 ml
 - d) 46 l 200 ml
19. Yuvraj is very fond of reading books. Once he bought books for Rs. 465 and he paid Rs. 500 to the bookstore, which expression shows the correct amount of change that he will get back?
- a) Rs. 500 + Rs. 465
 - b) Rs. 500 - Rs. 465
 - c) Rs. 500 ÷ Rs. 465
 - d) Rs. 500 x Rs. 465
20. The difference between 7 hours 25 min and 3 hrs 45 min is
- a) 4 hrs 15 min
 - b) 4 hrs 65 min
 - c) 3 hrs 40 min
 - d) 4 hrs 45 min

(Directions for Q21 to Q 23)

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. Which bird was seen maximum number of times?
- Bulbul
 - Seagull
 - Crow
 - Pigeon
22. Which bird was seen minimum number of times?
- parrot
 - Crow
 - Bulbul
 - Sparrow
23. Which of the following statements is/ are correct?
- When we give information (data) about a quantity through pictures, it is called a Bar graph.
 - When we give information (data) about a quantity through horizontal or vertical bars, it is called bar graph.
- Only 1
 - Only 2
 - Both 1 and 2
 - Neither 1 nor 2
24. $8888 = 8000 + \underline{\hspace{2cm}} + 8$. The missing number is $\underline{\hspace{2cm}}$

- a) 8
- b) 808
- c) 88
- d) 880

25. A pile of dictionary is 32 cm high. Each dictionary is 4 cm thick. How many dictionaries are there in the pile?

- a) 8
- b) 128
- c) 18
- d) 62



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

