

**International Foundation Mathematics Olympiad(IFMO)
CLASS 6
WORKSHEET – 1**

SECTION-A (Logical Reasoning)

1. Study the pattern and find the missing number.



- a) 98
b) 96
c) 99
d) 108
2. In the given question there is a certain relationship between two given words on one side of :: and one word is given on the other side of :: Find out the word from the given alternatives, having the same relation with this word as the words of the given pair.

Conference : Chairman:: Newspaper:_____

- a) Reporter
b) Distributor
c) Printer
d) Editor
3. In the given question there is a certain relationship between two given numbers on one side of::and one number is given on the other side of::Find out the number from the given alternatives, having the same relation with this number as the numbers of the given pair.

16: 56::32:_____

- a) 96
b) 112
c) 120
d) 128
4. In each of the following question, the first two words have definite relationship. Choose one word out of the given four alternatives which will show the same relationship with the third word as between the first two

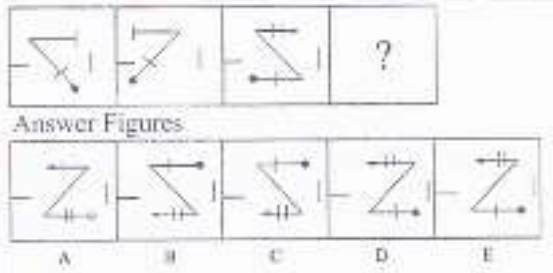
Pen is to poet as needle is to

- a) Thread
- b) Button
- c) Sewing
- d) Tailor

5.

In each of the following questions, two sets of figures are given. The first two problem figures bear a certain relationship. Based on the same relationship (analogy), select from answer figures an appropriate figure to replace the question mark in problem figures.

Problem Figures



- a) A
- b) B
- c) C
- d) D
- e) E

6. Complete the series:

85, 88, 91, 94, 97, 100, 103, 106, _____

- a) 109
- b) 110
- c) 111
- d) 112

7. Complete the series:

5, 10, 40, 80, 320, 640, _____

- a) 2520
- b) 2540
- c) 2560
- d) 2580

8. Choose the odd one out from the following

- a) Spectacles
- b) Goggles
- c) Microphone
- d) Telescope

9. If NOIDA is written as 39658. How will INDIA be written?

- a) 36568
- b) 65368
- c) 63568
- d) 63569

10. In the following question find out which of the letter series follows the given rule:

Number of letters skipped in between adjacent letters in the series is odd.

- a) MPRUX
- b) FIMRX
- c) EIMQV
- d) DBHLR

SECTION-B (Day to Day Mathematics)

11. Find the greatest number which divides 126, 150 and 210 leaving remainder 6 in each case.
- a) 12
 - b) 14
 - c) 16
 - d) 22
12. By how much 5943679 is smaller than one crore?
- a) 4056321
 - b) 4146321
 - c) 4066321
 - d) 4056221
13. Find the sum of predecessor of (-1709) and the successor of (-2305)
- a) 4014
 - b) -4014
 - c) 594
 - d) None of these
14. Rasmi bought 2m 5 cm cloth for her salwar and 3m 35 cm cloth for her shirt. What is the total length of cloth bought by her?
- a) 5m 40cm
 - b) 5m 45cm
 - c) 5m 35cm
 - d) None of these
15. A man has some hens and cows. If the number of heads be 48 and the number of feet equals 140, then the number of hens will be:
- a) 22
 - b) 23
 - c) 24
 - d) 26
16. The angles of a triangle are in the ratio 2: 3: 5. What is the measure of the largest angle?
- a) 70°
 - b) 80°
 - c) 90°
 - d) 100°
17. If one dozen bananas cost ₹. 36. What is the cost of 26 bananas?
- a) ₹. 72
 - b) ₹. 78
 - c) ₹. 74
 - d) ₹. 76

ANSWER IFMO CLASS 6 – WORKSHEET - 1

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

