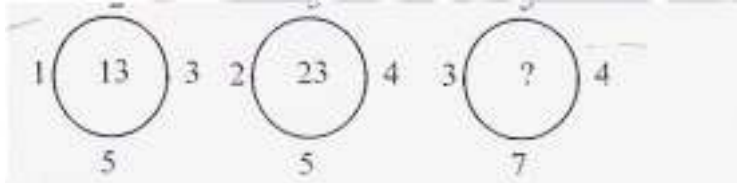


**International Foundation Mathematics Olympiad(IFMO)**  
**CLASS 6**  
**WORKSHEET – 3**

**SECTION-A ( Logical Reasoning )**

Study the pattern and find the missing number.

1.



- |       |       |
|-------|-------|
| a) 43 | c) 46 |
| b) 45 | d) 47 |

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.

**Poles: Magnet:: \_\_\_\_\_ : Battery**

- |          |              |
|----------|--------------|
| a) Cells | c) Terminals |
| b) Power | d) Energy    |
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.

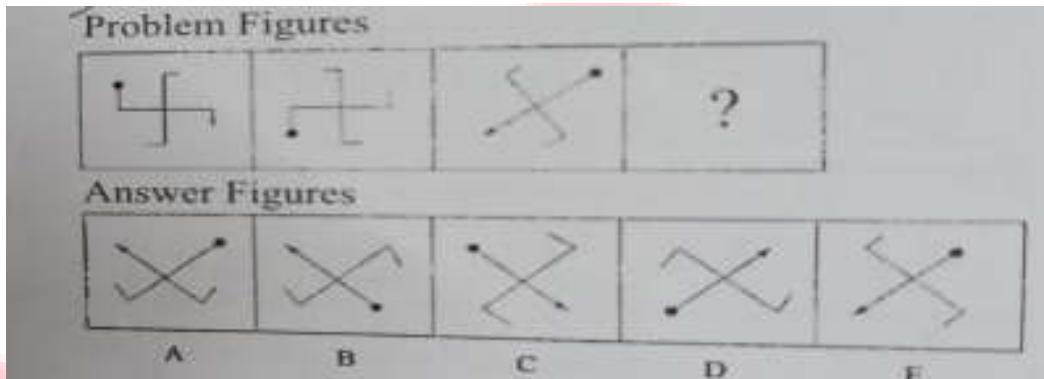
**24: 60:: 120: \_\_\_\_\_**

- |        |        |
|--------|--------|
| a) 160 | c) 300 |
| b) 220 | d) 108 |
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

**Pride is to lion as shoal is to**

- |            |                 |
|------------|-----------------|
| a) Teacher | c) Self-respect |
| b) Student | d) Fish         |

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.



- a) A  
b) B  
c) C  
d) D  
e) E
6. Complete the series  
**377, 318, 259, 200, 141, \_\_\_\_\_**  
a) 92  
b) 82  
c) 72  
d) 76
7. Complete the series  
**137, 248, 359, 470, 581, 692, \_\_\_\_\_**  
a) 801  
b) 802  
c) 803  
d) None of these
8. Choose the odd one out  
a) Cotton  
b) Nylon  
c) Silk  
d) Wool
9. In a certain code, DESK is written as #. 52, RIDE is written as % 7#. How is RISK written in that code?  
a) % 7\$ #  
b) %752  
c) % 7 # 2  
d) % 725





**ANSWER IFMO CLASS 6 – WORKSHEET - 3**

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

