*i*RAO

International Reasoning and Aptitude Olympiad

Presented by:
SILVER ZONE FOUNDATION
NEW DELHI - INDIA

Organized by:
Silverzone Foundation
New Delhi, India
For supremacy in Mathematics
www.silverzone.org

CLASS 8 SAMPLE QUESTIONS

The Actual Question Paper Contains 35 Questions. The Duration of the Test Paper is 40 Minutes.

1. Select the pair of words which are related in the same way as 'current' is related to 'Ampere'.
   (A) Power : Energy (B) Pressure : Time
   (C) Force : Newton (D) Mass : Meter

2. If S – T means 'S' is the wife of 'T', S + T means 'S' is the daughter of 'T' and S ÷ T means 'S' is the son of 'T' then what will M + J ÷ K mean?
   (A) 'K' is the father of 'M'
   (B) 'M' is the granddaughter of K
   (C) 'J' is wife of 'K'
   (D) 'K' and 'M' are brothers

3. Choose the missing term out of the given alternatives.
   A729, C676, G625, I576,_____.
   (A) M625 (B) N484 (C) N416 (D) M529

4. In the following pairs of alphabets and numerals have same relationship between their elements as in the case of the pair PROBLEM : 2948375 and hence form a group. Which one does not belong to the group?
   (A) BORE : 8497 (B) MOEP : 5972
   (C) LBOR : 3849 (D) OMEP : 4572

5. A man faces towards north. Turning to his right, he walks 25 metres. He then turns to his left and walks 30 meters. Next, he moves 25 meters to his right. He then turns to his right again and walks 55 meters. Finally, he turns to the right and moves 40 meters. In which direction is he from his starting point ?
   (A) South-West (B) South
   (C) North-West (D) South-East

6. In a certain code FINGER is written as DGLECP, what will be the code for KIDNEY?
   (A) IGBLCW (B) IGCLBW (C) IBCGLE (D) IGBKCV

7. In a certain code '7 8 6' means 'bring me apple', '9 5 8' means 'peel green apple' and '6 4 5' means 'bring green fruit'. Which of the following is the code for 'me'?
   (A) 8 (B) 6
   (C) 7 (D) Cannot be determined

8. Find the missing character in the given figures.

   22 — 10 → 32   14 — 74 → 88   33 — 26 → ?

   (A) 48 (B) 58 (C) 59 (D) 95

9. Arrange the following words according to English Dictionary.
   1. Banal 2. Banana 3. Banish 4. Bandage
   5. Bandit
   (A) 1, 3, 2, 4, 5 (B) 1, 2, 4, 3, 5
   (C) 1, 2, 4, 5, 3 (D) 1, 3, 2, 5, 4

10. In this type of question, a set of figures is given in a matrix. All figures in the matrix follow the same rule. To solve this questions, one should look at the figures in matrix carefully and on the basis of this rule, find the figure that fits in the blank box.

    (A) (B) (C) (D)

ANSWERS									
1. (C)	2. (B)	3. (D)	4. (B)	5. (D)	6. (A)	7. (C)	8. (C)	9. (C)	10. (B)