

Section A (Aptitude paper)

The passage below is accompanied by a set of questions. Choose the best answer to each question-

It happened one day, about noon, going towards my boat; I was exceedingly surprised with the print of a man's naked foot on the shore, which was very plain to be seen in the sand. I stood like one thunder-struck, or as if I had seen an apparition. I listened, I looked round me, I could hear nothing, nor see anything. I went up the shore, and down the shore, but it was all one; I could see no other impression but that one. I went to it again to see if there were any more, and to observe if it might not be my fancy; but there was no room for that, for there was exactly the very print of a foot toes, heel and every part of a foot.

Q1.
On finding the footprint on the shore, what did the author do?

- A. Did not pay much attention to it
- B. Observed it with curiosity
- C. Began to investigate its origin
- D. Ran away in fear

Q2.
Which one of the following words best describes the emotion evoked by the footprint in the author?

- A. Curiosity
- B. Indifference
- C. Fear
- D. Surprise

Q3.
How does the author convince himself that the footprint is a real one?

- A. By finding the person who made it
- B. By being told about it by a witness
- C. By thinking about it for some time
- D. By examining it carefully and noticing its details

Q4.
Which one of these expressions best brings out the effect of the footprint on the author?

- A. Seen an apparition
- B. Stood like one thunder-struck
- C. Went up the shore
- D. Looked round himself

Q5.
What does the word 'apparition' mean in context of the passage?

- A. Human
- B. Mammal
- C. Mermaid
- D. A ghost

Q6.
How many times do the hands of a clock coincide in a day?

- A. 20
- B. 21
- C. 22
- D. 24

Q7.
January 1, 2007 was Monday. What day of the week lies on Jan. 1, 2008?

- A. Monday
- B. Tuesday
- C. Wednesday
- D. Sunday

- Q8.**
220% of a number X is 44. What is 44% of X ?
- A. 8.8
B. 8.9
C. 6.6
D. 7.7
- Q9.**
19 people went to a hotel for combine dinner party 13 of them spent Rs. 79 each on their dinner and rest spent 4 more than the average expenditure of all the 19. What was the total money spent by them.
- A. 1628.4
B. 1534
C. 1492
D. 1496
E. None of these
- Q10.**
There is a group of 5 boys and 2 girls. The two groups working together can do four times as much work as a boy and a girl. Ratio of working capacities of a boy and a girl is:
- A. 2:1
B. 2:3
C. 1:3
D. 1:2

Section B:

1.

```
#include<stdio.h>
int main(void)
{
    int value1=0x32;
    int value2=064;

    int value3 = 0x8 + 016 + 128 - value1 + value2;

    printf("value1=%d \t", value1 );
    printf("value2=%d \t", value2 );
    printf("value3=%d \n", value3 );

    return 0;
}
```

2.

```
#include <stdio.h>
int main( void )
{
    int num1,num2,num3, num4;

    num1 = 100 ; num2 = 200 ;
    num2= ++num1;
    num3= num2--/2;
    num4 = printf(" %-10d ", ++num1 ) + ++num2;

    printf("%10d\t",num3);
    printf("%-10d",num4);

    return 0;
}
```

3.

```
#include<stdio.h>
int main( void )
{
    char num1='A';
    short int ch=101;
    double num2=10.24;
    int value =sizeof(num1)+sizeof(ch)+sizeof(num2);

    printf("value=%-8d", value);

    int Value =sizeof(1)+sizeof('A')+sizeof(1.2);
    Value+= sizeof(10.2F);

    printf("Value=%-8d", Value);

    printf("Result=%-8.2f",value + Value /8.0f);

    return (0);
}
```

4.

```
#include <stdio.h>
int main( void )
{
    int val1=11, val2=22, val3=33;
    val3 = (val2++),val1++,val2++ ;
    val1 = val3++,val2++,val3++;
    val2 = ((val1--,--val3),--val1) ;
    printf("val1=%d val2=%d val3=%d",val1,val2,val3);
    return 0;
}
```

5.

```
#include <stdio.h>
int main( void )
{
    int value1 = 100, value2;

    value2 = ++( ++(value1) + (value1)-- ) ;
    printf("\n value1=%d value2=%d ", value1, value2);

    return 0;
}
```