

## Analytical Ability

### Question 1

The question below is followed by two statements. Find whether the data in the given statements is sufficient to answer the question and choose the correct alternative given.

Who earns more, Radha or Ranbir?

Statements:

- I. Radha spends more than what Ranbir earns.
- II. Radha will never spend more than what she earns.

- A) Statement I alone is sufficient to answer the question.
- B) Statement II alone is sufficient to answer the question.
- C) Statement I and II when combined together are sufficient to answer the question but neither of the statements alone is sufficient.
- D) Either of the statements I or II is sufficient to answer the question independently.

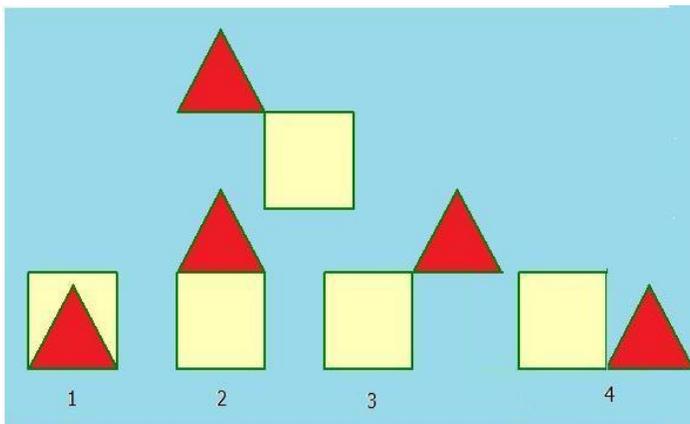
### Question 2

CAMPHOR is written as 1234567 and WIRE is written as 8970. What is the code for WARRIOR?

- A) 8277967
- B) 8277697
- C) 2877697
- D) 2877867

### Question 3

Identify the figure that is similar to the given figure.



- A) 1
- B) 2
- C) 3
- D) 4

## Quantitative Ability

### Question 1

Two numbers A and B are such that the sum of 5% of A and 4% of B is two-third of the sum of 6% of A and 8% of B. Find the ratio of A:B.

- A) 2:3
- B) 1:1
- C) 3:4
- D) 4:3

### Question 2

A man and a woman 81 miles apart from each other, start travelling towards each other at the same time. If the man covers 5 miles per hour to the woman's 4 miles per hour, how far will the woman have travelled when they meet?

- A) 27
- B) 36
- C) 45
- D) 25

### Question 3

Four numbers are in the ratio 11: 15: 9: 23. If the sum of the largest and the smallest equals the 4160, what is the average of these numbers?

- A) 1765
- B) 1835
- C) 1885
- D) 1945

## Software Development

### Question 1

Consider the following code snippet:

```
class A extends Thread
{
    public void run()
    {
        synchronized (this)
        {
            try
            {
                wait();
            }
            catch (InterruptedException ie)
            {
            }
        }
    }
    public static void main (String[] args)
    {
        A a1 = new A();
        a1.setDaemon(true);
        long startTime = System.currentTimeMillis();
        a1.start();
        System.out.print(System.currentTimeMillis() - startTime + ",");
    }
}
```

Which of the following statements is CORRECT with respect to the above code?

- A) The number printed is greater than or equal to 0
- B) The synchronized block inside the run method is not necessary
- C) Thread a1 waits forever and the program runs forever
- D) Compiler error

### Question 2

How are events in Win Forms different from Events in Web Forms?

- A) In Web Forms, events are raised and handled on the client. In Win Forms, most events are raised on the client but handled on the Web server.
- B) In Win Forms, events are raised and handled on the client. In Web Forms, most events are raised on the client but handled on the Web server.
- C) In Win Forms, events do not have postback. In Web Forms, events have postback call.
- D) In Web Forms, events do not have postback. In Win Forms, events have postback call.

**Question 3**

Which of the following action will help defend against IP address spoofing attacks?

- A) Installing antivirus software
- B) Installing certificates on clients and servers
- C) Setting up IP address filters
- D) Deploying kerberos authentication