

## Basic Mathematics Quiz 001 (Number system)

1. The sum of two numbers is 25 and their product is 114. What is the sum of the reciprocals of these numbers?

- A)  $5/19$
- B)  $19/5$
- C)  $114/25$
- D)  $25/114$

2. Which of the following is not the perfect square?

- A) 1,99, 809
- B) 1,41,376
- C) 6,59,344
- D) 17,82,362

3. If the number  $812x74$  is completely divisible by 11, then smallest whole number in place of x will be

- A) 1
- B) 3
- C) 5
- D) 7

4. The difference between place values of both 6s in the numerical 376982604 is

- A) 4
- B) 4,404
- C) 59,99,400
- D) 5,99,400

5. If the number  $78x$  is divisible by 6, then the value of x is

- A) 4
- B) 5
- C) 6
- D) 7

6. How many prime numbers are less than 30?

- A) 8
- B) 10
- C) 12

D) 14

**7.** The value of  $102 \times 98$  is

A) 996

B) 986

C) 9,996

D) 9,986

**8.** The sum of two numbers is 23 and their difference is 15. Find the product of the numbers.

A) 76

B) 77

C) 79

D) 78

**9.** How many numbers upto 150 are divisible by 7?

A) 25

B) 27

C) 21

D) 22

**10.** How many numbers between 100 and 500 are divisible by 13?

A) 34

B) 33

C) 32

D) 31

# Answer Keys

Question	Answer
1	D
2	D
3	A
4	C
5	C

Question	Answer
6	B
7	C
8	A
9	C
10	D