

## TEST2 - 10TH CLASS MATHS - REAL NUMBERS

( Multiple Choice Questions )

Write the correct option in the given bracket

1.  $\sqrt{2} / 5$  is :

- a) a rational      b) an irrational  
c) a and b      d) imaginary

[      ]

2. The square root of 16 is:

- a) 2      b) 4      c) 8      d) 16

[      ]

3. Which of the following is a natural number?

- a) -2      b) 0      c)  $1/2$       d) 3

[      ]

4. The decimal expansion of a rational number:

- a) can be both terminating and non-terminating repeating.  
b) can be either terminating or non-terminating repeating.  
c) can only be terminating.  
d) can only be non-terminating repeating.

[      ]

5. Product of prime numbers always .....

- a) Even      b) odd      c) Composite      d) Prime

[      ]

6. Which of the following is a rational number?

- a)  $\sqrt{3}$       b)  $\sqrt{25}$       c)  $\sqrt{7}$       d)  $\sqrt{11}$

[      ]

7. Which rational is multiplicative inverse to itself

- a) 1      b) 12      c) 010      d) 5

[      ]

8. The decimal representation of an irrational number:

- a) Terminates      b) Repeats  
c) Is a perfect square      d) Neither terminates nor repeats

[      ]

9. The sum of a rational number and its additive inverse is always:

- a) 1      b) 0      c) infinity      d) undefined

[      ]

10. The number 0.125 can also be written as:

- a)  $1/2$       b)  $1/4$       c)  $1/8$       d)  $1/10$

[      ]