TEST3 - 10TH CLASS MATHS - REAL NUMBERS

(Multiple Choice Questions)

Write the correct option in the given bracket

1. Euclid Division algorithm: a = bq + r then which of the following is correct

a) $0 < r < b$ b) $b < r > b$ c) $0 \leq r < b$ d) $0 < r \leq b$ [ ]

2. LCM of $2^2 \times 3^2 \times 5^1$ and $2^2 \times 3^1 \times 5^2$ is

a) $2^2 \times 3^2 \times 5^1$ b) $2^2 \times 3^1 \times 5^1$

c) $2^2 \times 3^2 \times 5^2$ d) $2^2 \times 3^2 \times 5^1$ [ ]

3. The sum of two irrational numbers is always:

a) irrational b) rational

c) may not irrational d) negative [ ]

4. 2/3 lies between .....

a) 2 and 3 b) 1 and 2

c) 0 and 1 d) 4 and 5 [ ]

5. The HCF of two prime numbers is always:

a) 1 b) 2

c) the smaller prime number

d) the larger prime number [ ]

6. The LCM of two prime numbers is always equal to

a) 1 b) 2 c) Their Product d) 0 [ ]

7. Which of the following rational will terminates

a) $\frac{3}{20}$ b) $\frac{13}{35}$ c) $\frac{39}{21}$ d) $\frac{51}{17}$ [ ]

8. The number 0.2 can be written as a fraction as:

a) 1/5 b) 1/4 c) 1/2 d) 1/10 [ ]

9. HCF of $3^2 \times 5^1$ and $2^2 \times 3^1$ is

a) $2^2 \times 3^2$ b) $3^1 \times 5^1$

c) 3^1 d) $2^1 \times 3^1 \times 5^1$ [ ]

10. LCM of first 10 natural numbers is

a) 100 b) 2023 c) 16000 d) 2520 [ ]

LIVEWORKSHEETS