Cosmo School

Class – 7

Chapter – 1

Rational and Irrational Number

Lecture sheet – 10

MCQ

Solution

1. Which one of the following is the square root of $\frac{144}{289}$?

    a) $\frac{12}{17}$ b) $\frac{12}{289}$ c) $\frac{144}{13}$ d) $\frac{19}{17}$

Ans: a) $\frac{12}{17}$

2. Which one of the following is the square root of 1.21?

    a) 1.01   b) 1.10   c) 1.11   d) 1.110

Ans: b) 1.10

3. Which one of the following is the square root of 1.1025?

    a) 0.9   b) 0.09   c) 0.009   d) 0.0009

Ans: d) 0.0009

4. What is the length of sides of square if the area of the square is a^2?

    a) a   b) 2a   c) 3a   d) 4a

Ans: a) a

5. What is called the product of a number and itself?

    a) Square root   b) Square   c) Cube root   d) Cube

Ans: b) Square

6. If the numerator and denominator of a fraction is perfect square then the fraction is called –

    a) Square root fraction

    b) Perfect square root

    c) Cube root fraction

    d) Square fraction

Ans: d) Square fraction

7. What is the square root of $\frac{1}{49}$?

    a) $\frac{1}{7}$ b) $\frac{1}{8}$ c) $\frac{1}{9}$ d) $\frac{1}{6}$

Ans: a) $\frac{1}{7}$

8. One garden has 8 rows of trees. How many trees are needed to plants 8 trees in each row?

    a) 16   b) 46   c) 64   d) 61

Ans: c) 64

9. What is the square root of 97969?

    a) 303   b) 313   c) 323   d) 333

Ans: b) 313

10. What is the square root of $67\frac{6}{25}$?

    a) $8\frac{1}{5}$ b) $8\frac{1}{7}$ c) $8\frac{1}{8}$ d) $8\frac{2}{5}$

Ans: a) $8\frac{1}{5}$