CBT April 2024 Class - IX   Maths

Q1. Which of the following is irrational ?

(a) $\frac{\sqrt{4}}{\sqrt{9}}$ (b) $\frac{\sqrt{25}}{\sqrt{16}}$ (c) $\sqrt{7}$ (d) $\sqrt{81}$

Correct Answer - (c)

Q2. Which of the following is rational number ?

(a) 0.401 (b) 0.401400140001------- (c) $\sqrt{5}$ (d) 0.14014001400014---------

Correct Answer - (a)

Q3. Decimal representation of a rational number can not be

(a terminating (b) non-terminating
(c) non-terminating repeating (d) non-terminating non-repeating
Correct Answer - (d)

Q4 The value of   1.999--------- in the form $\frac{p}{q}$ where p and q are integers and   q ≠ 0 is

(a) $\frac{19}{10}$ (b) $\frac{1999}{1000}$ (c) 2 (d) $\frac{1}{9}$

Correct Answer - (c)

Q5. 1.272727-------------   can be expressed in rational form as

(a) $\frac{14}{99}$ (b) $\frac{14}{11}$ (c) $\frac{11}{14}$ (d) $\frac{99}{14}$

Correct Answer - (b)

Q6. Which of the following is rational number ?

(a) $\sqrt{3}$ (b) 2+ $5\sqrt{3}$ (c) 0 (d) None of these

Correct Answer - (c)

Q7.   Which of the following is not a natural number ?

(a) 0 (b) 1 (c) 10 (d) 100

Correct Answer - (a)

Q8. Which of the following is not correct ?

(a) Every natural number is a whole number (b) Every natural number is an integer

(c)   Zero is not an integer (d)   Every whole number is an integer

Correct Answer - (c)

Q9. The value of 135^0 is

(a) 135 (b)   1 (c) 0 (d) None of these

Correct Answer - (b)

Q10. The value of $(125)^{1/3}$ is

(a) 125   (b) 25   (c) 10   (d) 5

Correct Answer - (d)