

Date 19-04-2016

Maths–Test

Time- 40 min

Class 9th

M .Marks- 20

(CBSE)

1 Marks Each



1. Write a whole number which is not a natural number.
2. Locate $\sqrt{17}$ on the number line.
3. Express the following recurring decimal expansions in the form $\frac{p}{q}$, where p and q are integers and $q \neq 0$.
(i) $2.\overline{124}$

2 Marks Each

4. Find any five rational number lying between $\frac{2}{7}$ and $\frac{2}{5}$.

3 Marks Each

5. Which of the following statements are True/False.
 - (i) Every natural number is a whole number.
 - (ii) Every whole number is an integer.
 - (iii) Every whole number is a natural number.
 - (iv) Every integer is a whole number.
 - (v) Collection of whole numbers is denoted by W.
 - (vi) Collection of integers is denoted by N.

4 Marks Each

6. Express $\sqrt{3.5}$ geometrically.

8 Marks Each

7. Are the following statements true or false ? Give response for your answer. Write T for true and F for false.
 - (i) Every natural number is a rational number.
 - (ii) Every whole number is a rational number.
 - (iii) Every integer is a rational number.
 - (iv) Every rational number is an integer.
 - (v) Every rational number $\frac{p}{q}$ can be represented on a straight line i.e., on the number line.
 - (vi) Reciprocal of a rational number is always a rational number.
 - (vii) Every rational number is a whole number.
 - (viii) Every natural number is a whole number.