**The City School**

**North Nazimabad Boys Campus**

2nd Monthly Test **(1st Term)**

Mathematics **(Paper B)**

Class **6**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Section: \_\_\_\_\_\_ **Max. Marks: 25**

**Q1) Fill in the blanks with correct options: /4**

1. The reciprocal of – $\frac{7}{6}$ is
2. $\frac{7}{6}$ c) – $\frac{6}{7}$
3. $\frac{6}{7}$ d) – $\frac{8}{7}$
4. A number which can be expressed as a ratio of two integers p and q, $\frac{p}{q}$ is a
5. Integer c) Real number
6. Rational number d) Whole number
7. Which of the following is correct?
8. $\frac{3}{7}$ > $\frac{8}{7}$ c) $\frac{6}{7}>\frac{8}{7}$
9. $-\frac{9}{7}$ > $\frac{5}{7}$ d) $\frac{9}{7}>\frac{8}{7}$
10. The product of $\frac{5}{9} × \frac{3}{10}$ is
11. $\frac{1}{6}$ c) $\frac{1}{4}$
12. $\frac{1}{2}$ d) $\frac{1}{9}$

**Q2) State whether the statement is true or false /4**

1. $\frac{3}{2}$ is an improper fraction. ( )
2. $\frac{9}{4}$ is the simplest form of the fraction $\frac{18}{8}$ ( )
3. $\frac{8}{3}$ when converted into a decimal is a non-recurring decimal. ( )
4. $\frac{5}{4}$ when converted into a decimal is a recurring decimal. ( )

**Q3) Fill each of the blanks with <,> /2**

1. 0 \_\_\_ -3/5 c) -6 \_\_\_ -10
2. 7.9 \_\_\_ -7.9 d) -5 \_\_\_ 0

**Q4) Evaluate each of the following expressing each answer in the simplest form /8**

1. (- $\frac{7}{18}$) x (- $\frac{9}{14}$) c) 4 $\frac{2}{7}$ ÷ $\frac{10}{4}$
2. 2 $\frac{5}{6}$ + (- 3 $\frac{1}{4}$) d) -3 $\frac{4}{7}$ - 1 $\frac{3}{14}$

**Q5) Find the HCF and LCM of the following numbers: /4**
**a) 392 and 616**

**b) 315 and 525**

**Q6) Find the value of each of the following /3**
a) 12+ (–34) –(– 77) b) (–56) ÷ [ 21 + (–28)]

1. – 13 + (–15) + 8