

KHANNUR VIDYANIKETHAN SCHOOL, RANEBENNUR

FIRST PERIODICAL ASSESSMENT

AUGUST – 2020

Grade: VIII

SUBJECT: MATHEMATICS

Marks: 20

General Instructions :

- 1) All the questions are compulsory.
- 2) This questions paper contains 11 questions divided into Three sections A,B and C
 - Section A comprises 5 questions of 1 mark each.
 - Section B comprises 3 questions of 2 marks each.
 - Section C comprises 3 questions of 3 marks each.

Section – A

I) Fill in the blanks:

1X5=5

- 1) The numbers _____ and _____ are their own reciprocals.
- 2) Zero has _____ reciprocal.
- 3) The rational number that is equal to its negative is _____ .
- 4) The multiplicative inverse of $\frac{-5}{8} \times \frac{-3}{7}$ is _____.
- 5) Value of 'x' in $7x - 9 = 16$ is _____.

Section – B

II) Solve the following:

2X3=6

- 6) Represent these numbers on number line i) $\frac{7}{4}$ ii) $\frac{-5}{6}$
- 7) Solve : $\frac{15}{4} - 7x = 9$
- 8) Find ten rational numbers between $\frac{-2}{5}$ and $\frac{1}{2}$

Section - C

III) Do as directed:

3X3=9

- 9) Find using appropriate property. $\frac{-2}{3} \times \frac{3}{5} + \frac{5}{2} - \frac{3}{5} \times \frac{1}{6}$
- 10) Find ten rational numbers between $\frac{3}{5}$ and $\frac{3}{4}$.
- 11) The perimeter of a rectangular swimming pool is 154m. Its length is 2m more than twice its breadth. What are the length and the breadth of the pool?
