RATIONAL NUMBER

RECIPROCAL OF RATIONAL NUMBER

EXERCISE

Q.1 Give examples of

- (a) The rational number that does not have a reciprocal.
- (b) The rational numbers that are equal to their reciprocals.
- (c) The rational number that is equal to its negative.

Q.2 Fill in the blanks.

- (a) Zero has _____ reciprocal.
- (b) The numbers_____ and _____ are their own reciprocals.
- (c) The reciprocal of 5 is _____.
- (d) Reciprocal of $\frac{1}{x}$, where $x \neq 0$ is_____.

(e) The product of two rational numbers is always a_____.

(f) The reciprocal of a positive rational number is _____.

ANSWER KEY

(b) 1 and (- 1)

(c) 0

CLASS 8

- **2.** (a) No;
 - (b) 1, -1;

(c)
$$\frac{-1}{5};$$

- (d) x
- (e) Rational Number;
- (f) positive