

## STD - V

### Exercise - 5.6

Q. Rewrite in ascending order:-  
1. 1.1, 1.01, 0.11, 1.11

Ans. The given decimals are 1.1, 1.01, 0.11, 1.11  
By converting them like decimals we have  
 $1.1 = 1.10$

So the decimals are 1.10, 1.01, 0.11, 1.11

As  $111 > 110 > 101 > 11$

So the required decimals are  $0.11 < 1.01 < 1.10 < 1.11$

Ans. The required ascending order is 0.11, 1.01, 1.10, 1.11

2. 2.04, 2.4, 2.24, 2.1

By converting the given decimals to like decimals we have 2.04, 2.40, 2.24, 2.10

As  $204 < 210 < 224 < 240$

So the required decimals are  $2.04 < 2.10 < 2.24 < 2.40$

Ans. The required decimals in ascending order is 2.04, 2.10, 2.24 and 2.40.

3. 0.5, 0.52, 0.25, 0.252

By converting the given decimals to like decimals we have 0.500, 0.520, 0.250, 0.252

As  $250 < 252 < 500 < 520$

So  $0.25 < 0.252 < 0.500 < 0.520$

Ans. The required ascending order is 0.25, 0.252, 0.5 and 0.52.

Q. Similarly complete all the numbers of c.

A) Rewrite in descending order:

1.  $6.4$ ,  $6.46$ ,  $0.646$ ,  $4.66$

By converting the unlike decimals to like decimals we have  $6.400$ ,  $6.460$ ,  $0.646$ ,  $4.660$

As  $6460 > 6400 > 4660 > 646$

So  $6.460 > 6.400 > 4.660 > 0.646$

or  $6.46 > 6.4 > 4.66 > 0.646$

Ans. The required descending order will be  $6.46$ ,  $6.4$ ,  $4.66$  and  $0.646$

2.  $7$ ,  $4.7$ ,  $7.4$ ,  $0.47$

By converting the unlike decimals to like decimals we have  $7.00$ ,  $4.70$ ,  $7.40$ ,  $0.47$

As  $740 > 700 > 470 > 47$

So  $7.40 > 7.00 > 4.70 > 0.47$

or  $7.4 > 7 > 4.7 > 0.47$

Ans. The required descending order will be  $7.4$ ,  $7$ ,  $4.7$  and  $0.47$ .

3.  $9.21$ ,  $19.2$ ,  $2.91$ ,  $1.29$

By converting the unlike decimals to like decimals we have  $9.21$ ,  $19.20$ ,  $2.91$ ,  $1.29$

As  $1920 > 921 > 291 > 129$

So  $19.20 > 9.21 > 2.91 > 1.29$

or  $19.2 > 9.21 > 2.91 > 1.29$

Ans. The required descending order will be  $19.2$ ,  $9.21$ ,  $2.91$  and  $1.29$ .

Similarly complete all.