

Assignment - 4

Q-4 What is the value of the 99 percentile?

2, 2, 3, 4, 5, 5, 5, 6, 7, 8, 8, 8, 8, 8, 9, 9, 10, 11, 11, 12

Soln
$$\text{Value} = \frac{\text{Percentile} \times (n)}{100}$$

$n = \text{no. of elements given.}$

$$\text{Value} = \frac{99}{100} \times 20 = \frac{99}{5} = 19.8^{\text{th}} \text{ index}$$

12 Ans