

ICS Part 2 Statistics Online Test

Sr	Questions	Answers Choice
1	The range of a normal distribution is	A. ∞ B. $-\infty$ C. 0 D. $0 \text{ to } \infty$
2	The shape of the normal distribution is like	A. J. B. L C. bell D. circle
3	Normal distribution is	A. unimodal B. bimodal C. trimodal D. multimodal
4	In case of normal distribution the area to the left of the mean and area to the right of the mean is	A. positive B. negative C. equal D. unequal
5	The moment Coefficient of kurtosis is	A. β_1 B. β_2 C. Zero D. μ_3
6	The moment coefficient of skewness is	A. β_1 B. β_2 C. S_k D. μ_3
7	In case of normal distribution maximum value of ordinate is	A. μ

8 Second moment about mean is also called

- A. mean
 - B. variance**
 - C. skewness
 - D. standard deviation
-

9 The probability density function has ----- value for every value of x.

- A. negative
 - B. positive**
 - C. minimum
 - D. maximum
-

10 The normal distribution is -----distribution.

- A. positively skewed
 - B. negatively skewed
 - C. symmetrical**
 - D. peaked
-