NAT I General Science Statistics

Sr	Questions	Answers Choice
1	Is a normal distribution $\mu = 10$ and $\sigma^2 = 25$ the mode is	A. 5 B. 10 C. 25 D. 100
2	For the standardized normal variate $P(0\Sigma\ z\ \Sigma 1)$ =..............	A. 0.34135 B. 0.47725 C. 0.49867 D. 0.33725
3	The binomial distribution is symmetrical when	A. p = q B. p > q C. p < q D. None of these
4	A binomial random variable can assume only the values	A. 1,2,3.........n B. 0,1,2............<strike>y</strike> C. 0,1,2............n D. None of these
5	The probability of an event can never be	A. Zero B. 1 C. 0.5 D. Negative
6	The most suitable average in the construction of index number is	A. Mean B. Geometric mean C. Median D. Mode
7	A disadvantage of range is that it is based on	A. Absolute deviation B. Squared deviations C. Two extreme observation
8	If any value in the series is zero then it is impossible to calculate	A. Mean B. Geometric mean C. Mode D. None of these
9	Sum of deviation of observation from their mean cannot be	A. Zero B. Less than zero C. Other than zero D. Greater than zero
10	An arrangement of data to show the frequency of occurrence is called	A. Frequency distribution B. Probability distribution C. Data array D. Cumulative distribution