

## Statistics Ics Part 1 Chapter 8 Online Test

| Sr | Questions  | Answers Choice   |
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| 1  | Hypergeometric distribution is a                               | A. Continuous distribution<br>B. Discrete distribution<br>C. Simple distribution<br>D. Normal distribution   |
| 2  | Variance of binomial distribution is                           | A. $np$<br>B. $<span style="color: rgb(0, 0, 0); font-family: 'Lucida Sans Unicode', 'Lucida Grande', sans-serif; font-size: 18px; line-height: 23.390625px;">\sqrt{npq}$<br>C. $npq$<br>D. $nq$       |
| 3  | Mean, Median and mode of binomial distribution can be equal if | B. $P < q < 1/2$<br>C. $P > q < 1/2$<br>D. $P <span style="color: rgb(0, 0, 0); font-family: 'Lucida Sans Unicode', 'Lucida Grande', sans-serif; font-size: 18px; line-height: 23.390625px;">\neq npq$ |
| 4  | Binomial distribution is positively skewed                     | A. $P < 1/2$<br>B. $P > 1/2$<br>C. $P = 1/2$<br>D. $P < q < \frac{n}{2}$   |
| 5  | Binomial distribution is used when n is                        | A. Large<br>B. Small<br>C. Negative<br>D. Zero   |