

12. The characteristics of binomial distribution—

- i. $E(X) > V(X)$
- ii. $E(X) = V(X)$
- iii. $E(X) = np$

Which one is correct?

- (a) i and ii (b) i and iii (c) ii and iii (d) i, ii and iii

13. X is a Poisson variate. $P(2) = P(4)$. What is the value of the parameter?

- (a) 12 (b) 3.46 (c) 3.6 (d) 4

14. Mean of a Poisson variate is a. What is its standard deviation?

- (a) 0 (b) a (c) $a^{\frac{1}{2}}$ (d) a^2

15. What is the probability of a certain value of the Normal distribution?

- (a) 0 (b) 1 (c) 0.5 (d) 0.1

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“You can have data without information, but you cannot have information without data.”

- Daniel Keys Moran