



D. 10%

16 For a constant  $K$ , the variance of  $K$ .

- A. Zero
- B.  $A^2$
- C.  $K$
- D. None of these

17 For discrete random variable 'X' the expectation of  $X$  is  $E(X)$  is equal to:

- A.  $\sum p(x)$
- B.  $\sum xp(x)$
- C.  $\sum x^2 p(x)$
- D. One

18 The probability of continuous random variable at  $x = a$  is \_\_\_\_\_.

- A. One
- B. Zero
- C. Between
- D. More than one

19 What is the probability that a value chosen at random from a particular population is larger than the median of the population.

- A. 0.25
- B. 0.5
- C. 1.0
- D. 0.67

20 Which is the impossible event when a dice is rolled.

- A. 5 or 6
- B. 6 or 7
- C. 2 or 3
- D. 1