

D. $y \geq 1/2$

16 A student solved 25 questions from first 50 questions of a book to be solved. The prob, that he will solve the remaining all questions.

- A. 0.25
- B. 0.51
- C. 1
- D. 0

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

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

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

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

19 For discrete random variable 'X' the expectation of X i.e E(x) is equal to:

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

20 Why are the outcomes of a coin tossing mutually exclusive.

- A. The outcome of any toss is not affected by the outcome of those preceding it.
- B. Both a head and a tail cannot turn up on any one toss
- C. The probability of getting a head and the probability of getting a tail is the same.
- D. All of these