



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

CLASS 8

SUBJECT :ArithmeticWork sheet4 Answer key

Marks:15Probability

Date:16.11.20

Answer all the following questions(1×15=15)

1.If a coin is tossed twice, probability of getting exactly '2 tails' is

- A)1/3
- B)1/4**
- C)1/6
- D)1/2

2.If a die is rolled once ,what is the probability that the number of dots on its upper face is less than 3

- A) 1/3**
- B) 2/3
- C) 1/4
- D) 0

3.If a die is rolled once, what is the probability that the number of dots on its upper face is an even number

- A) 1/5
- B)1/2**
- B) 3/4
- C) None of these

4. A card is drawn from a pack of 100 cards numbered 1 to 100. Find the probability of drawing a square number

A) $1/10$

B) $9/10$

C) $1/5$

D) $2/5$

5. A card is drawn from a pack of 100 cards numbered 1 to 100. Find the probability of drawing a non square number

A) $8/10$

B) $9/10$

C) $1/2$

D) $1/3$

6. Probability of an unlikely event can be

A) $1/4$

B) $1/2$

C) $2/3$

D) none of these

7. Probability of a likely event can be

A) $1/2$

B) $1/3$

C) $1/4$

D) $2/3$

8. Probability of a certain event is

A) 1

B) $1/2$

C) $-1/2$

D) 0

9. Probability of an impossible event is

A) 0

B) $4/3$

C) $1/5$

D) 1

10. Probability of 'even chance' for an event is

A) $1/7$

B) $1/2$

C) $1/3$

D) $1/6$

11. Probability of choosing an ace(A) from a pack of 52 cards is

A) Unlikely

B)likely

C) certain

D) impossible

12.A die is rolled once. What is the probability of not getting an odd prime number

A) 2/3

B) 1/5

C) 1/6

D) none of these

13.If a die is rolled twice, probability of getting a sum of 3 is

A) 1/2

B) 1/18

C) 4/3

D) 1/5

14.The probability of notdrawing a king from a standard pack of well-shuffled cards is _____

A) 1/26

B) 12/13

C)1/52

D) 3/26

15.Probability of not drawing a blackqueenfrom a deck of cards is

A)1/13

B)3/13

C)1/52

D)25/26

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