ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

CLASS 8

SUBJECT :Arithmetic **Work sheet 3**

Marks:15 **Probability**

Date:14.11.20

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

1.If a die is rolled once, probability of getting a 2 or a 3 or a 4 is

A)1/3
B)1/4
C)1/5
D)1/2

2.Tossing a prime number on a cube labelled 2,3,5,7,9,10 is

A) unlikely
B) even chance
C) certain
D) impossible

3.If the probability is low, you are more ____to have a favourable outcome

A) Certain
B) Unlikely
C) Likely
D) None of these

4.Out of 17 boys and 13 girls of a class, one student is to be selected. The probability of selecting a girl is

A) 17/30

B)13/30

C)15/30

D)13/17

5. In a game of chance, the probability of winning is 2/3 . What is the probability of not winning?

A) 4/3

B) 3/2

C) 1/2

D) 1/3

6. It is _____ to roll an odd number on a cube that has numbers from 1 to 6

A) impossible

B) certain

C)an even chance

D) none of these

7. From a standard pack of 52 playing cards, a card is selected at random. The probability that it is a black king is _____

A) 1/26

B) 1/13

C) 1/52

D) 4/13

8. Probability that you randomly choose a marble that is not red from a bag of 3 black, 8 yellow,2 red, and 5 white marbles is ____

A) 8/9

B) 4/11

C) 1/12

D) 6/7

9. The probability of drawing a red card from a standard pack of well-shuffled cards is _____

A) 1/2

B) 4/3

C) 1/52

D) 1/4

10. The probability of drawing a joker from a standard pack of well-shuffled cards is _____

A)1/52

B)2/13

C)1/13

D)1/26

11. The probability of being chosen for a team is 78%.This event can be described as____

A) Unlikely

B) likely

C) certain

D) impossible

12. A die is rolled once. What is the probability to get an odd prime number

A) 1/3

B) 1/5

C) 1/6

D) none of these

13. If a die is rolled once, probability of not getting a number greater than 2 is

A) 1/2

B) 1/3

C) 4/3

D) 1/5

14. The probability of drawing a red ace from a standard pack of well-shuffled cards is _____

A) 1/26

B) 2/13

C)1/52

D) 3/26

15. Probability of drawing a queen from a deck of cards is

A)1/13

B)3/13

C)1/52

D)3/52

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