



ST. LAWRENCE HIGH SCHOOL

A Jesuit Christian Minority Institution



Sub: Arithmetic
Duration: 40 Min

Class: 7
Worksheet 01
Chance and Probability

Date: 07.11.20
Full Marks: 15

Choose the correct options:

- The probability of getting a multiple of 5 if a two digit number is written down at random is
 - $1/5$
 - $2/5$
 - $3/5$
 - $4/5$
- A bag contains 15 balls of which 6 are red, the probability of getting a red ball at random from the bag is
 - $1 \frac{2}{3}$
 - $2/5$
 - $2 \frac{1}{2}$
 - $1/3$
- The probability of getting an even number if a card is drawn from a box containing 12 identical cards numbered 1, 2, 3,,12 is
 - $1/2$
 - $1/3$
 - $1/4$
 - $1/6$
- The probability of getting a red ace if a card is drawn at random from pack of 52 cards is
 - $1/52$
 - $1/26$
 - $1/13$
 - $3/52$
- A coin is tossed. What is the probability of getting head?
 - 0
 - 1
 - $1/2$
 - 2
- The probability of being chosen for a team is 9%. This event can be described as
 - likely
 - certain
 - having an even chance
 - unlikely
- It will be a Thursday in one of the next seven days. The event is
 - likely
 - unlikely
 - certain
 - having an even chance
- Ashita has 20 movies in her video collection and 5 of the movies feature her favourite actor. If she randomly chooses a movie, what is the probability that she will choose one featuring her favourite actor?
 - $1/5$
 - $1/4$
 - $3/4$

- d. $\frac{3}{5}$
9. A card is drawn from a pack of 100 cards numbered 1 to 100. Find the probability of drawing a square number.
- $\frac{1}{10}$
 - $\frac{9}{10}$
 - $\frac{1}{5}$
 - $\frac{2}{5}$
10. During a class survey, it was found out that cheese pizza is the favourite snack for 30 out of 40 students. What percent is closest to the probability that a student's favourite snack is cheese pizza?
- 50%
 - 60%
 - 75%
 - 80%
11. Tickets numbered 1 to 20 are shuffled. What is the probability that a ticket drawn at random bears a number that is a multiple of 4
- $\frac{1}{5}$
 - $\frac{1}{4}$
 - $\frac{1}{3}$
 - $\frac{2}{7}$
12. Six of 24 students in a class are left handed. Write the probability of randomly selecting a left handed student as a decimal.
- 0.30
 - 0.24
 - 0.25
 - 0.40
13. The probability that Sanchit will draw a vowel card from five cards bearing the letters a,e,i, o and u is _____
- 0
 - 1
 - $\frac{1}{2}$
 - $\frac{3}{4}$
14. The probability of rolling a number greater than 4 with a die is
- $\frac{2}{3}$
 - $\frac{3}{4}$
 - $\frac{1}{4}$
 - $\frac{1}{3}$
15. Sonal spins a spinner that is split into 8 equal parts. The parts are coloured blue, green, red, green, blue, red, red, red. The probability of the needle of the spinner landing on blue colour is
- $\frac{1}{2}$
 - $\frac{1}{8}$
 - $\frac{1}{4}$
 - $\frac{3}{4}$