

QUIZ

In a survey about favourite animal:

30 people said cat, 40 people said dog, 20 people said cow.

What is the mode of favourite animals in this data?

- A) Cow**
- B) Cat**
- C) Dog**

A survey of number of pets in a town saw that -

30% of people had 0 pets, 40% had 1 pet, 10% had 2 pets, 20% had 3 pets.

What is the average number of pets?

- A) 1.3**
- B) 1.0**
- C) 1.2**
- D) 1.5**

What will be the size of the sample space if we roll a die and toss a coin simultaneously?

- A) 10**
- B) 8**
- C) 12**
- D) 16**

Which of the following is NOT an event if we roll a die?

- A) {1, 3}**
- B) {1, 3, 5}**
- C) {1, 3, 5, 7}**
- D) {1}**

It is known that

- **80% people like cappuccino,**
- **40% people like espresso, and**
- **30% like both.**

What percentage of the people like cappuccino, but do not like espresso?

- a) 50
- b) 30
- c) 40
- d) 80

It is known that 60% people use Swiggy, 50% use Zomato. 20% people use both. What percentage use Swiggy, but do not use Zomato?

- a) 10
- b) 40
- c) 30
- d) 20

It is known that 70% people use Amazon, 50% use Flipkart and 30% people use both.

What percentage of people use neither Amazon, nor Flipkart?

- a) 30
- b) 20
- c) 10
- d) 25

Which of the following represent mutually exclusive sets?

- A) Youtube premium Vs Non-premium users
- B) People who like cappacinnno vs Espresso
- C) Users of Swiggy vs Zomato
- D) Users of Amazon vs Flipkart

**There are 4 green balls, 6 yellow balls, and 2 blue balls in a bag.
A random ball is chosen. Find the probability that a yellow or blue ball is chosen.**

- A) $4/12$**
- B) $6/12$**
- C) $8/12$**
- D) $10/12$**

In an NPS survey, it is seen that

- 90% are either promoters or neutral.**
 - 30% percent are neutral or detractor.**
- What percent of people are neutral?**

- A) 20**
- B) 40**
- C) 10**
- D) 30**