

CLASS-10th

PROBABILITY

PRACTICE PAPER

- Q1. What is the probability of a sure event ?
- Q2. What is the probability of an impossible event?
- Q3. A coin is tossed twice .What will be the probability of getting at most two heads ?
- Q4. A coin is tossed thrice . What will be the probability of getting at least one tail.
- Q5. If a die thrown once, what will be the probability of getting a prime even number ?
- Q6. If a die is thrown twice, what will be the probability of getting a doublet ?
- Q7. If a die is thrown twice , what will be the probability of getting a pair of prime numbers ?
- Q8. 10 Male and 5 female gave interview for the post. What is the probability of getting a male selected for the job?
- Q9. If a card is drawn from a deck of 52 cards, what will the probability of getting a black king ?
- Q10. What is the probability of getting number less than 4 in a single throw of dice
- 1)What is the probability of getting 53 Thursday in a year ?
- Q11. What is probability of getting 53 Mondays in a leap year ?
- Q12. What is the probability that two people have same birthday ?
- Q13. What is the probability that two people have different birthday ?
- Q14. If a card is drawn from a well suffeled deck of 52 cards then what is the probability of getting a face card ?

Q15. If probability of happening of an event is 0.39. what will be probability of not happening of that event ?

Q16. King and queen of spade are removed from a deck of 52 cards and then a card is drawn, what will be the probability of getting a red king ?

Q17. A bag contains 5 green balls and some red balls. If the probability of drawing red ball is double of the probability of drawing green balls. what is the number of red balls

Q18. Find the probability of getting the letter M in the word "MATHEMATIC".

Q19. Find the probability of getting the letter P in the word "PHYSICS"

Q20. There are 50 ball having number from 1 to 50. One ball is choosen at random. What is the probability of getting prime number?

Q21. At a car park there are 100 vehicles, 60 of which are cars, 30 are vans and the remainder are lorries. If every vehicle is equally likely to leave, find the probability of:

a) van leaving first.

b) lorry leaving first.

c) car leaving second if either a lorry or van had left first