CBSE Class 10 Probability Practice questions

**Question 1)** What is the probability of getting 53 Thursday in a year?
**Question 2)** What is probability of getting 53 Mondays in a leap year?
**Question 3)** What is the probability that two people have same birthday?
**Question 4)** What is the probability that two people have different birthday?
**Question 5)** If a card is drawn from a well shuffled deck of 52 cards then what is the probability of getting a face card?
**Question 6)** If probability of happening of an event is 0.39. what will be probability of not happening of that event?
**Question 7)** What is the probability of a sure event?
**Question 8)** What is the probability of an impossible event?
**Question 9)** A coin is tossed twice. What will be the probability of getting at most two heads?
**Question 10)** A coin is tossed thrice. What will be the probability of getting at least one tail.
**Question 11)** If a die thrown once, what will be the probability of getting a prime even number?
**Question 12)** If a die is thrown twice, what will be the probability of getting a doublet?
**Question 13)** If a die is thrown twice, what will be the probability of getting a pair of prime numbers?
**Question 14)** 10 Male and 5 females gave interview for the post. What is the probability of getting a male selected for the job?
**Question 15)** If a card is drawn from a deck of 52 cards, what will the probability of getting a black king ?
**Question 16)** What is the probability of getting number less than 4 in a single throw of dice
**Question 17)** 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 ?
**Question 18)** 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
**Question 19)** Find the probability of getting the letter M in the word “MATHEMATIC”.
**Question 20)** Find the probability of getting the letter P in the word “PHYSICS”
**Question 21)** There are 50 ball having number from 1 to 50. One ball is chosen at random. What is the probability of getting prime number?
**Question 22)** 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