1)shubhangi Dighe

Que-If A and B are mutually exclusive events p(A)=⅜ and p(B)=⅛ ,the find

1)p(A’)

2)p(AUB)

2)Vidya Kothavale

If the probability of solving a problem by 2 students George and James are 1/2 and 1/3 respectively then what is the probability of the problem to be solved.

3) Suvarna Nimonkar

What is the probability of drawing either a king or a queen in a single draw from a well shuffled pack of 52 cards?

4) Akash Todkar

A and B are two candidates seeking admission to IIT. The probability that A getting selected is 0.5, the probability of B getting selected is 0.7 and the probability that both A and B getting selected is 0.3. What is the probability that it could be either candidate A or B.

5)Chetan Habib

A bag contains 30 balls numbered from 1 to 30. One ball is drawn at random, find the probability that the number of the ball will be multiple of 5 or 9.

6) Sable Digambar

A die is thrown twice. Let A be the event, ‘First die shows 5’ and B be the event, ‘second die shows 5’. Find P(A∪B) ..

7) Dhage Dipak

Two dice are tossed once. Find the probability of getting an even number on first dice or a total of 8.

8) Arjun Walunj

A person can hit a target in 3 out 4 shots, whereas another person can hit the target in 2 out of 3 shots. Find the probability of the targets being hit at all when they both try.

9) Prashant Walunj

If A and B are two events associated with a random experiment for which P(A) = 0.35, P(A or B) = 0.85, and P(A and B) = 0.15.

Find

(i) P(only B)

(ii) P(B')

(iii) P(only A)

10) Sayali Gule.

Consider an experiment of rolling a fair die .Let A be the event that an even number appears . B = a number bigger than 3 occurs . Find the probability that the number appearing on the uppermost face is either even or bigger than 3..

11) . Suraj

A number is selected from the first 20 natural numbers. Find the probability that it would be divisible by 3 or 7?

a) 19/46

b) 24/67

c) 12/37

d) 7/20

12) Nihal Shukla

If A and B are two events such thatP (A) = 1/4 , P (B) = 1/2 and P(A and B)= 1/8, find (i) P (A or B) (ii) P(not A and not B).

13) Abhishek Ambi

A die is thrown twice. Let A be the event, ‘First die shows 5’ and B be the event, ‘second die shows 5’. Find P(A∪B) .

14) Suraj Bawane

Two dice are rolled together. Find the probability of getting a doublet orsum of faces as 4.