1. What is the probability of getting a head, when a coin is tossed?
   (a) ½   (b) 50%   (c) 0.5   (d All of these

2. What is the probability of getting an even number, when a dice is rolled?
    (a) ½   (b) 1/3   (c) 1/6   (d) 2/3
(e) 5/6

3. A card is drawn from a pack of cards. What is the probability of drawing a Queen of Hearts?
   (a) 1/13   (b) 1/52   (c) ¾   (d) 7/52
(e) 1/2

4. A glass jar contains 5 red, 7 green, 9 blue and 11 yellow marbles. If a single marble is picked at random from the jar, what is the probability of it being a blue marble?
   (a) 2/15   (b) 1/11   (c) 9/32   (d) 5/18

5. What is the probability of getting a prime number, when a number is picked from 1 to 100?

6. Tickets numbered 1 to 20 are mixed up and then a ticket is drawn at random. What is the probability that the ticket drawn at random, has a multiple of 4 or 5?

(a) ½   (b) 2/5   (c) 8/15   (d) 9/20

7. A coin is tossed 300 times, and gets heads for 220 times, tails for 80 times. What is the probability of getting a tales?

8. In a throw of two dice, find the probability of getting a digit of 3 at least on one dice.
(a) 1/3   (b) 5/18   (c) 11/36   (d) 7/36

9. A number X is chosen at random from the numbers -4, -3, -2, -1, 0, 1, 2, 3, 4. What is the probability that |X|<3
 (a) 5/9   (b) 3/7   (c) 5/7   (d)1/3

10. The odd against an event are 9 : 4. Find the probability of occurrence of event.
(a) 4/9   (b) 9/13   (c) 4/13   (d)None of these

11. There are 6 different types of tasks in a department. In how many possible ways can 6 workers pick up the 6 tasks?
 (a) 120   (b) 520   (c) 720   (d) 840

12. What is the probability of choosing a vowel from the set of english alphabets?

13. A number is chosen at random from the set A = (2, 4, 6, 8, 10, 12, 14, 16). The probability that it is a multiple of 4 is _____ .

14. What is the probability that a card picked from a pack of 52 cards would be a diamond or a king?

15. The probability of A getting a job is 2/3 and the

probability of B getting a job is 3/4. What is the probability that only one of them gets the job.

16. On rolling two dices, what is the probability of getting the sum of the outcomes as 8?

17. What is the probability of drawing a face card from a pack of 52 cards?
   (a) 1/13   (b) 4/13   (c) ¼   (d) 9/52

18. In a fruit basket there are 5 oranges, 10 mangoes, and 8 apples. What is the probability of picking a mango or an apple?

19. In a class on 40 students 24 like banana, 16 like pears, and 10 like both the fruits. What is the probability that a student likes none of these two fruits?

20. When two coins are tossed simultaneously, what is the probability of getting the same outcome on both the coins?

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1)	(d) All of these
2)	(a). ½
3)	(b). 1/52
4)	(c) 9/32
5)	¼
6)	(b) 2/5

7)	4 / 15
8)	(c) 11 / 36
9)	(a) 5 / 9
10)	(c) 4 / 13
11)	(c) 720
12)	5 / 26
13)	½

14)	15 / 52
15)	5 / 12
16)	5 / 36
17)	(b) 4 / 13
18)	18 / 23
19)	¼
20)	½