JSUNIL TUTORIAL

CBSE Test Paper-10th Probability

Section-A

1. If E is an event then P(E) + P E = ... ?

(a) 0 (b) 1 (c) 2 (d) –1

2. The probability of an event that is cerain to happen is :

(a) 0 (b) 2 (c) 1 (d) –1

3. Which of the following can not be the probability of an event :

(a)2/3 (b)–3/2 (c) 15% (d) 0.7

4. If P(E) is .65 what is P (Not E)?

(a) .35 (b) .25 (c) 1 (d) 0

1. b 2. c 3. b 4. a 5. b

Section-B

1. A game of chance of a spanning wheel has number 1 to 10. What is the probability of getting a number less than to 5 when wheel comes to rest?

2. Two dice are rolled once what is the probability of getting a doublet?

3. A die is rolled once. What is the probability of getting a prime number?

4. A bank A.T.M. has notes of denomination 100, 500 and 1000 in equal numbers. What is the probability of getting a note of Rs. 1000.

5. What is the probability of getting a number greater than 6 in a single throw of a die.

6. A selection committee interviewed 50 people for the post of sales manager. Out of which 35 are males and 15 are females. What is the probability of a female candidate being Selected.

7. A bag contains cards numbering from 5 to 25. One card is drawn fro the bag. Find the probability

that the card has numbers from 10 to 15.

8. In 1000 lottery tickets thre are 5 prize winning tickets. Find the probability of winning a prize. if a person buys one tickets.

9. It is known that in a box of 600 screws, 42 screws are defective. One screw is taken out at random from this box. Find the probability that it is not defective.

10. Write all the possible outcomes when a coin is tossed twice.

i1. Two dice are rolled simultaneously. Find the probability that the sum is more than and equal to 10.

12. From the well shuffled pack of 52 cards. Two Black king and Two Red Aces are removed. What is the probability of getting a face card.

13. In a leap year what is the probability of 53 Sundays.

14. A box contains card numbered from 2 to 101. One card is drawn at random. What is the probability of getting a numer which is a perfect square.

15. A bag contains 5 red balls and ‘n’ green balls. If the P(green ball) = 3 × P (red ball) then what is the value of n.