General Instructions:

1. This question paper consists of **15 multiple-choice questions (MCQs)**.
2. Each question carries **1 mark**. The maximum marks for this test are **15**.
3. The total time allowed to complete this test is **20 minutes**.
4. All questions are compulsory.
5. Each question has **four options (A), (B), (C), and (D)**. Only one option is correct.
6. Students must choose the **most appropriate option** for each question.
7. No marks will be deducted for incorrect answers.
8. Calculators and other electronic devices are **not permitted**.
9. Rough work should be done neatly in the space provided (if any).
10. Read each question carefully before answering.

Chapter: Probability (Introductory) **Class:** 7
Test Code: 2026/Probability/VII/04
Max Marks: 15

General Instructions:

1. This paper contains 15 Multiple Choice Questions (MCQs).
2. Each question carries 1 mark.
3. Express all probabilities in the simplest fraction or decimal form as indicated.

Q.1 A card is drawn from a well-shuffled pack of 52 cards. What is the probability of getting a face card of black color?

(a) 3/26
(b) 3/13
(c) 1/13
(d) 1/26

Q.2 A number x is chosen at random from the numbers $-4, -3, -2, -1, 0, 1,$ What is the probability that $|x| < 2$?

(a) 1/3
(b) 2/9
(c) 1/9
(d) 4/9

Q.3 If the probability of an event E is 0.05, what is the probability of 'not E'?

(a) 0.95

(b) 0.05

(c) 1.05

(d) 0.50

Q.4 A box contains 3 orange, 3 yellow, and 2 blue cubes. A cube is drawn at random. What is the probability that it is NOT orange?

(a) 3/8

(b) 5/8

(c) 1/2

(d) 3/5

Q.5 Two coins are tossed simultaneously 200 times. If "Two Heads" appeared 58 times, what is the experimental probability of getting "Two Heads"?

(a) 0.29

(b) 0.58

(c) 0.31

(d) 0.42

Q.6 A month is chosen at random from a year. What is the probability that the month begins with the letter 'J'?

(a) 1/4

(b) 1/3

(c) 1/6

(d) 1/12

Q.7 A bag has cards numbered 20 to 40. A card is drawn at random. What is the probability that the number on the card is a prime number?

(a) 5/21

(b) 4/21

(c) 6/21

(d) 5/20

Q.8 A die is thrown once. What is the probability of getting a number which is a factor of 6?

(a) 1/2

(b) 2/3

(c) 1/3

(d) 5/6

Q.9 From the letters of the word 'CHANCE', a letter is chosen. What is the probability that it is a consonant?

(a) 2/3

(b) 1/3

(c) 1/2

(d) 4/5

Q.10 In a deck of 52 cards, the probability of drawing a red queen is:

(a) 1/52

(b) 1/26

(c) 1/13

(d) 2/13

Q.11 A bag contains 4 red and 6 blue marbles. If two marbles are drawn, which outcome is "more likely" to happen?

(a) Drawing a red marble

(b) Drawing a blue marble

(c) Both are equally likely

(d) Cannot be determined

Q.12 A number is chosen at random from 1 to 100. What is the probability that it is a multiple of 11?

(a) 9/100

(b) 10/100

(c) 11/100

(d) 1/11

Q.13 The probability of a sure event is represented by:

(a) 0%

(b) 50%

(c) 100%

(d) 0.1

Q.14 Two dice are rolled. What is the probability that both dice show the same number (a doublet)?

(a) 1/36

(b) 1/12

(c) 1/6

(d) 6/1

Q.15 A spinner has 10 equal sections numbered 1 to 10. What is the probability of getting a number that is a multiple of 3 or 4?

(a) 1/2

(b) 2/5

(c) 3/5

(d) 7/10

— End of Question Paper —