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.

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Chapter: Probability (Introductory) **Class:** 7
Test Code: 2026/Probability/VII/01
Max Marks: 15

General Instructions:

1. This paper contains 15 Multiple Choice Questions (MCQs).
2. Each question carries 1 mark.
3. Probability values should be expressed in their simplest fraction form.

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Q.1 A die is thrown once. What is the probability of getting a number which is neither prime nor composite?

(a) 1/6
(b) 1/3
(c) 1/2
(d) 0

Q.2 From a well-shuffled deck of 52 playing cards, a card is drawn at random. What is the probability that the drawn card is a red face card?

(a) 3/26
(b) 3/13
(c) 1/13
(d) 1/2

Q.3 In a bag, there are 8 red balls, 7 blue balls, and 5 green balls. A ball is drawn at random. What is the probability that the ball is NOT blue?

(a) 7/20

(b) 13/20

(c) 3/4

(d) 1/4

Q.4 Which of the following cannot be the probability of an event?

(a) 0.001

(b) 3/2

(c) 15%

(d) 0

Q.5 Two coins are tossed simultaneously. The probability of getting at most one head is:

(a) 1/4

(b) 1/2

(c) 3/4

(d) 1

Q.6 A letter is chosen at random from the word 'PROBABILITY'. What is the probability that the chosen letter is a vowel?

(a) 3/11

(b) 4/11

(c) 2/11

(d) 5/11

Q.7 A number is selected at random from the first 25 natural numbers. What is the probability that the selected number is a multiple of both 2 and 3?

(a) 4/25

(b) 6/25

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(c) 8/25

(d) 1/5

Q.8 If the probability of winning a game is 0.07, what is the probability of losing it?

(a) 0.93

(b) 0.03

(c) 0.7

(d) 0.13

Q.9 A box contains cards numbered from 11 to 30. A card is drawn at random. What is the probability that the number on the card is a perfect square?

(a) 2/20

(b) 3/20

(c) 1/10

(d) 1/5

Q.10 Two dice are rolled together. What is the probability that the sum of the numbers appearing on the two dice is 11?

(a) 1/36

(b) 1/18

(c) 1/12

(d) 1/9

Q.11 A spinner is divided into 8 equal sectors numbered 1 to 8. What is the probability that the spinner stops on a number divisible by 4?

(a) 1/2

(b) 1/4

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(c) 1/8

(d) 3/8

Q.12 In a non-leap year, what is the probability of having 53 Sundays?

(a) 1/7

(b) 2/7

(c) 52/365

(d) 1/365

Q.13 A bag contains 5 red, 4 black, and 3 white balls. A ball is drawn at random. What is the probability that the ball is either red or white?

(a) 2/3

(b) 3/4

(c) 1/2

(d) 5/12

Q.14 The probability of an impossible event is:

(a) 1

(b) 0

(c) 0.5

(d) Undefined

Q.15 A digit is chosen at random from the digits 0, 1, 2, 3, 4, 5, 6, 7, 8, 9. What is the probability that the digit is greater than 6?

(a) 3/10

(b) 4/10

(c) 1/3

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(d) 7/10

— End of Question Paper —

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