

CHAPTER-5 | Prime Time

QUIZ
PART-01

1. In the game, what is said for multiples of 3?
 A. Vada
 B. Idli
 C. Idli-Vada
 D. Nothing (B)

Explanation: The chapter says every multiple of 3 is replaced by Idli.

2. In the game, what is said for multiples of 5?
 A. Idli
 B. Dosa
 C. Vada
 D. Idli-Vada (C)

Explanation: Every multiple of 5 is replaced by Vada.

3. What is said for numbers that are multiples of both 3 and 5?
 A. Idli
 B. Vada
 C. Number only
 D. Idli-Vada (D)

Explanation: A number common to both 3 and 5 is spoken as Idli-Vada.

4. Which of the following is a common multiple of 3 and 5?
 A. 10
 B. 12
 C. 15
 D. 18 (C)

Explanation: 15 is divisible by both 3 and 5, so it is a common multiple.

5. At what number is 'Idli-Vada' said for the 10th time?
 A. 120
 B. 135
 C. 150
 D. 165 (C)

Explanation: Idli-Vada is said at multiples of 15. The 10th multiple is $15 \times 10 = 150$.

6. From 1 to 90, how many times is 'Idli' said including 'Idli-Vada'?
 A. 18
 B. 24
 C. 30
 D. 36 (C)

Explanation: Multiples of 3 from 1 to 90 are $90 \div 3 = 30$.

7. From 1 to 90, how many times is 'Vada' said including 'Idli-Vada'?
 A. 15
 B. 18
 C. 20
 D. 25 (B)

Explanation: Multiples of 5 from 1 to 90 are $90 \div 5 = 18$.

8. From 1 to 90, how many times is 'Idli-Vada' said?
 A. 4
 B. 5
 C. 6
 D. 7 (C)

Explanation: Common multiples are multiples of 15. From 1 to 90, they are $90 \div 15 = 6$.

9. From 1 to 900, how many times is 'Idli-Vada' said?
 A. 50
 B. 60
 C. 70
 D. 90 (B)

Explanation: Multiples of 15 from 1 to 900 are $900 \div 15 = 60$.

10. Which are the common multiples of 2 and 5 between 1 and 50?
 A. 5, 15, 25, 35, 45
 B. 10, 20, 30, 40, 50
 C. 2, 4, 6, 8, 10
 D. 15, 30, 45, 50 (B)

Explanation: Common multiples of 2 and 5 are multiples of 10, so between 1 and 50 they are 10, 20, 30, 40, 50.