

CHAPTER-5 | Prime Time

QUIZ
PART-15

1. A number divisible by 10 must end in:

- A. 5
B. 0
C. 2
D. 8 (B)

Explanation: Every number divisible by 10 has 0 in the ones place.

2. A number divisible by 5 must end in:

- A. 0 or 5
B. 2 or 4
C. 1 or 9
D. 3 or 7 (A)

Explanation: Numbers divisible by 5 always end in 0 or 5.

3. A number divisible by 2 must end in:

- A. 1, 3, 5, 7, 9
B. 0, 2, 4, 6, 8
C. 0 or 5
D. 4 or 5 (B)

Explanation: Numbers divisible by 2 are even numbers, so they end in 0, 2, 4, 6, or 8.

4. Which of the following is a multiple of 2 between 399 and 411?

- A. 401
B. 403
C. 406
D. 409 (C)

Explanation: Among these, only 406 is even, so it is divisible by 2.

5. Which number between 330 and 340 is divisible by 4?

- A. 333
B. 335
C. 336
D. 338 (C)

Explanation: For divisibility by 4, the last two digits must be divisible by 4. 36 is divisible by 4.

6. Which number between 1730 and 1740 is divisible by 4?

- A. 1731
B. 1732
C. 1735
D. 1738 (B)

Explanation: The last two digits are 32, and 32 is divisible by 4.

7. Which number between 2030 and 2040 is divisible by 4?

- A. 2033
B. 2034
C. 2036
D. 2039 (C)

Explanation: The last two digits are 36, and 36 is divisible by 4.

8. Is 8536 divisible by 4?

- A. Yes
B. No
C. Only by 2
D. Cannot say (A)

Explanation: The last two digits are 36, and 36 is divisible by 4.

9. For divisibility by 4, we mainly check:

- A. the first digit
B. the sum of digits
C. the last two digits
D. the middle digit (C)

Explanation: A number is divisible by 4 if the number formed by its last two digits is divisible by 4.

10. Which statement is true?

- A. If a number is divisible by 4, its last two digits may not be divisible by 4
B. Only the last two digits matter for divisibility by 4
C. A number ending in 5 is divisible by 4
D. Every odd number is divisible by 4 (B)

Explanation: The divisibility rule for 4 depends only on the last two digits of the number.