Choose the correct answer for each question.

1. Which of the following is divisible by 3?

   A. 421   B. 420   C. 352   D. 173

2. Which of the following is divisible by 5?

   A. 251   B. 147   C. 225   D. 324

3. Which of the following is divisible by 2 and 5?

   A. 125   B. 250   C. 224   D. 137

4. A number is divisible by 5 if its last digit is ……. .

   A. 0 or 2   B. 2 or 5   C. 0 or 5   D. 4 or 5

5. Which of the following is divisible by 9?

   A. 234   B. 223   C. 322   D. 213

6. Which of the following is NOT divisible by 2 and 5?

   A. 250   B. 170   C. 180   D. 123

7. Which of the following is a multiple of 5?

   A. 8   B. 9   C. 10   D. 21

8. Fill in the blank: "*A ... is a whole number greater than 1 that has exactly 2 factors: 1 and itself.*"

   A. composite number   B. prime number

   C. multiple   D. factor

9. Which of the following is a multiple of both 3 and 4?

   A. 13   B. 11   C. 12   D. 14

10. Fill in the blank: *"A common multiple of two distinct natural numbers greater than 1 is ......"*

    A. a prime number   B. a composite number

    C. a factor   D. a multiple

11. What is the least common multiple of 6 and 15?

    A. 15   B. 24   C. 30   D. 36

12. What is the greatest common factor of 60 and 132?

    A. 11   B. 12   C. 9   D. 8

13. What is the least common multiple of 90 and 120?

    A. 340   B. 360   C. 180   D. 240

14. Fill in the blank:

    "The largest number among all common factors of two or more numbers is ..."

    A. common multiple   B. the greatest common factor

    C. prime factor   D. factorisation

15. Which of the following is a prime number?

    A. 35   B. 13   C. 49   D. 27

16. Which of the following are NOT composite numbers?

    A. 7 and 13   B. 11 and 24

    C. 12 and 23   D. 14 and 10

17. Find the value of k in which $17 \times k$ is a prime number.

    A. 1   B. 2   C. 3   D. 4

18. 35 is a … number.

    A. factor   B. prime

    C. multiplication   D. composite

19. What is the least common multiple of 36 and 80?

    A. 540   B. 720   C. 650   D. 223

20. Find the greatest common factor of 40 and 125.

    A. 8   B. 5   C. 24   D. 16