1. Which of the following numbers is divisible by 9?

   (i) 5,717 (ii) 5,716 (iii) 5,713 (iv) 5,715 (v) 5,714

2. Which of the following numbers is divisible by 8?

   (i) 2,505 (ii) 2,502 (iii) 2,506 (iv) 2,504 (v) 2,503

3. Which of the following numbers is divisible by 6?

   (i) 6,857 (ii) 6,856 (iii) 6,858 (iv) 6,859 (v) 6,860

4. Find the LCM of {360,600}

   (i) 1797 (ii) 1801 (iii) 1799 (iv) 1800 (v) 1802

5. Which of the following numbers is divisible by 4?

   (i) 6,520 (ii) 6,519 (iii) 6,518 (iv) 6,522 (v) 6,521

6. What is the number that divides {4209,1809,2889} leaving a remainder of 9

   (i) 119 (ii) 123 (iii) 118 (iv) 120 (v) 121

7. Find the LCM of {10,9,18,8}

   (i) 361 (ii) 362 (iii) 359 (iv) 358 (v) 360

8. Which of the following numbers is divisible by 8?

   (i) 4,366 (ii) 4,368 (iii) 4,367 (iv) 4,369 (v) 4,370

9. Find the co-primes in the following

   (i) {24,45} (ii) {5,15} (iii) {16,30} (iv) {4,12} (v) {8,15}

10. The common multiples of 3 and 5 =

    (i) {15,30,45,60,90,105,120,24} (ii) {15,30,45,60,75,105,120,50} (iii) {15,30,45,60,75,90,105,120}

    (iv) {15,30,45,60,90,105,120,36} (v) {30,45,60,75,90,105,120,88}

11. Which of the following numbers is divisible by 10?

    (i) 9869 (ii) 9872 (iii) 9868 (iv) 9870 (v) 9871

12. The common multiples of 6 , 2 and 10 =

    (i) {60,85} (ii) {30,227} (iii) {60,39} (iv) {30,60} (v) {30,49}

13. Find the HCF of {44,30}

    (i) 1 (ii) 2 (iii) 3 (iv) 5 (v) (-1)

14. Which of the following numbers is divisible by 4?

    (i) 8,116 (ii) 8,114 (iii) 8,115 (iv) 8,117 (v) 8,118

15. Which of the following numbers is divisible by 11?

  (i) 4,278 (ii) 4,277 (iii) 4,281 (iv) 4,279 (v) 4,280

16. Find the HCF of {46,6,38,9}

  (i) 1 (ii) 3 (iii) 2 (iv) 0 (v) (-2)

17. Find the number of prime factors of 10368

  (i) 2 (ii) 3 (iii) 4 (iv) 0 (v) 1

18. The common multiples of 4 , 9 and 8 =

  (i) {72,61} (ii) {72,67} (iii) {72,144} (iv) {144,8} (v) {144,316}

19. Find the total number of factors of 1936

  (i) 12 (ii) 16 (iii) 17 (iv) 15 (v) 14

20. Find the total number of factors of 25

  (i) 1 (ii) 2 (iii) 0 (iv) 4 (v) 3

21. Find the LCM of {120,320}

  (i) 961 (ii) 963 (iii) 960 (iv) 959 (v) 958

22. Find all common factors of 10 , 34 and 38

  (i) {1,2,10} (ii) {1,5} (iii) {1,2} (iv) {1,17} (v) {1,2,34}

23. Which of the following numbers is divisible by 6?

  (i) 8,812 (ii) 8,814 (iii) 8,815 (iv) 8,816 (v) 8,813

24. Find the prime factorization of 75

  (i) 3×5 (ii) $3^2 \times 5^2$ (iii) 3×7^2 (iv) 3×3^2 (v) 3×5^2

25. Which of the following numbers is divisible by 10?

  (i) 6,498 (ii) 6,500 (iii) 6,501 (iv) 6,502 (v) 6,499

Assignment Key

1) (iv)	2) (iv)	3) (iii)	4) (iv)	5) (i)	6) (iv)
7) (v)	8) (ii)	9) (v)	10) (iii)	11) (iv)	12) (iv)
13) (ii)	14) (i)	15) (iv)	16) (i)	17) (i)	18) (iii)
19) (iv)	20) (v)	21) (iii)	22) (iii)	23) (ii)	24) (v)
25) (ii)					