



1. Find the co-primes in the following

- (i) {16,116} (ii) {3,5} (iii) {6,10} (iv) {9,15} (v) {20,145}

2. The factors of 12 =

- (i) {1,2,3,4,6,12,11,5} (ii) {1,2,3,4,12} (iii) {1,2,3,4,6,12,11} (iv) {1,2,3,4,6,12} (v) {1,2,3,6,11,5}

3. Find the LCM of {10,4,8,12}

- (i) 119 (ii) 121 (iii) 120 (iv) 117 (v) 123

4. What is the number that divides {1080,456,936} without leaving any remainder?

- (i) 26 (ii) 21 (iii) 23 (iv) 25 (v) 24

5. Which of the following is an even number?

- (i) 47 (ii) 48 (iii) 49 (iv) 41 (v) 9

6. Find the prime factorization of 44

- (i) $2^3 \times 11$ (ii) $2^2 \times 8$ (iii) $2^2 \times 14$ (iv) 2×11 (v) $2^2 \times 11$

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

- (i) 9,821 (ii) 9,819 (iii) 9,820 (iv) 9,818 (v) 9,822

8. Which of the following numbers is divisible by 7?

- (i) 4,348 (ii) 4,345 (iii) 4,347 (iv) 4,349 (v) 4,346

9. The multiples of 10 =

- (i) {10,20,30,50,60,19} (ii) {10,30,50,60,29,19} (iii) {10,20,30,40,50,60,61,49} (iv) {10,20,30,40,50,60}
(v) {10,20,30,40,50,60,29}

10. The common multiples of 3 and 7 =

- (i) {21,42,84,105,27} (ii) {21,42,63,105,95} (iii) {21,42,63,105,92} (iv) {21,42,63,84,105}
(v) {21,42,63,84,88}

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

- (i) 2,513 (ii) 2,512 (iii) 2,510 (iv) 2,511 (v) 2,509

12. Find the total number of factors of 6

- (i) 4 (ii) 6 (iii) 5 (iv) 3 (v) 1

13. The factors of 67 =

- (i) {1,67} (ii) {67,2} (iii) {1,67,2} (iv) {2,66} (v) {1,67,66,2}

14. Find the number of prime factors of 6

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

15. Find the product of LCM and HCF of {4,6}

- (i) 27 (ii) 25 (iii) 24 (iv) 23 (v) 21

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

- (i) 7292 (ii) 7290 (iii) 7288 (iv) 7291 (v) 7289

17. Find the total number of factors of 1980

- (i) 39 (ii) 36 (iii) 34 (iv) 35 (v) 37

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

- (i) 7622 (ii) 7623 (iii) 7624 (iv) 7625 (v) 7621

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

- (i) 2096 (ii) 2095 (iii) 2097 (iv) 2098 (v) 2094

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

- (i) {144,225} (ii) {144,139} (iii) {144,21} (iv) {72,144} (v) {144,223}

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

- (i) 8,425 (ii) 8,429 (iii) 8,427 (iv) 8,428 (v) 8,426

22. Find the LCM of {180,135,30}

- (i) 540 (ii) 543 (iii) 537 (iv) 539 (v) 541

23. Find the HCF of {300,340,40}

- (i) 20 (ii) 21 (iii) 18 (iv) 19 (v) 23

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

- (i) 4562 (ii) 4563 (iii) 4566 (iv) 4565 (v) 4564

25. Find the HCF of {35,18}

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

Assignment Key

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