



1. Find the LCM of {12,15,6}
(i) 59 (ii) 58 (iii) 61 (iv) 60 (v) 63
2. Find the total number of factors of 6750
(i) 33 (ii) 30 (iii) 35 (iv) 32 (v) 31
3. Which of the following numbers is divisible by 3?
(i) 4,933 (ii) 4,931 (iii) 4,934 (iv) 4,930 (v) 4,932
4. What is the number that divides {3438,848,2024} leaving a remainder of 8
(i) 14 (ii) 15 (iii) 11 (iv) 13 (v) 16
5. Find the number of prime factors of 2916
(i) 2 (ii) 4 (iii) 0 (iv) 3 (v) 1
6. The common multiples of 3 and 5 =
(i) {15,30,45,60,75,90,105,54} (ii) {15,30,45,75,90,105,120,136} (iii) {15,30,45,60,75,90,105,120}
(iv) {15,30,45,75,90,105,120,71} (v) {15,30,45,60,75,90,105,49}
7. Which of the following numbers is divisible by 7?
(i) 2,179 (ii) 2,178 (iii) 2,175 (iv) 2,177 (v) 2,176
8. Find the HCF of {14,39}
(i) 1 (ii) (-1) (iii) 4 (iv) 0 (v) 2
9. The common multiples of 5 and 9 =
(i) {45,135,180,74} (ii) {45,90,135,19} (iii) {45,90,135,180} (iv) {90,135,180,224}
(v) {90,135,180,106}
10. Find the LCM of {24,90,54}
(i) 1083 (ii) 1080 (iii) 1077 (iv) 1079 (v) 1081
11. Which of the following numbers is divisible by 11?
(i) 1155 (ii) 1157 (iii) 1154 (iv) 1153 (v) 1156
12. Which of the following numbers is divisible by 6?
(i) 2939 (ii) 2942 (iii) 2940 (iv) 2941 (v) 2938
13. The factors of 43 =
(i) {2,42} (ii) {1,42} (iii) {1,43} (iv) {1,43,42,2} (v) {1,43,2}

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

- (i) 2,442 (ii) 2,440 (iii) 2,441 (iv) 2,439 (v) 2,438

15. Find the prime factorization of 68

- (i) $2^2 \times 17^2$ (ii) $2^2 \times 19$ (iii) $2^2 \times 14$ (iv) $2^2 \times 17$ (v) 2×17

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

- (i) 3099 (ii) 3101 (iii) 3102 (iv) 3100 (v) 3103

17. Find all common factors of 18 , 34 and 49

- (i) {6} (ii) {1,9} (iii) {1,17} (iv) {17} (v) {1}

18. Find the number of prime factors of 440

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

19. Find the LCM of {180,80}

- (i) 718 (ii) 719 (iii) 720 (iv) 722 (v) 721

20. The multiples of 5 =

- (i) {5,15,20,30,11,26} (ii) {5,10,15,20,25,26} (iii) {5,10,15,20,25,30,11} (iv) {5,10,15,20,25,30,11,26}
(v) {5,10,15,20,25,30}

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

- (i) 1,175 (ii) 1,178 (iii) 1,174 (iv) 1,176 (v) 1,177

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

- (i) 8,447 (ii) 8,446 (iii) 8,450 (iv) 8,448 (v) 8,449

23. Find all common factors of 30 , 34 and 42

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

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

- (i) 2,664 (ii) 2,663 (iii) 2,667 (iv) 2,666 (v) 2,665

25. The factors of 21 =

- (i) {1,7,4,8} (ii) {1,3,7,2} (iii) {1,3,7,21} (iv) {1,3,7,21,2,8} (v) {1,3,7,21,2}

Assignment Key

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