



1. Which of the following numbers is divisible by 4?
(i) 8878 (ii) 8875 (iii) 8877 (iv) 8874 (v) 8876
2. Which of the following numbers is divisible by 5?
(i) 4892 (ii) 4889 (iii) 4890 (iv) 4891 (v) 4888
3. The common multiples of 8 , 6 and 2 =
(i) {48,72,41} (ii) {24,48,72} (iii) {48,72,135} (iv) {48,72,137} (v) {48,72,109}
4. Which of the following numbers is divisible by 6?
(i) 5,677 (ii) 5,678 (iii) 5,675 (iv) 5,674 (v) 5,676
5. Find the HCF of {180,276,24,204}
(i) 12 (ii) 13 (iii) 11 (iv) 10 (v) 15
6. Find the product of LCM and HCF of {18,25}
(i) 448 (ii) 449 (iii) 451 (iv) 452 (v) 450
7. Find the HCF of {25,36,40}
(i) 1 (ii) 0 (iii) 2 (iv) (-2) (v) 4
8. Which of the following numbers is divisible by 10?
(i) 3100 (ii) 3102 (iii) 3101 (iv) 3098 (v) 3099
9. Which of the following numbers is divisible by 11?
(i) 6,830 (ii) 6,833 (iii) 6,831 (iv) 6,829 (v) 6,832
10. What is the number that divides {6061,2813,3373} leaving a remainder of 13
(i) 109 (ii) 112 (iii) 114 (iv) 113 (v) 111
11. Find the number of prime factors of 1152
(i) 0 (ii) 4 (iii) 2 (iv) 3 (v) 1
12. Find the number of prime factors of 20
(i) 2 (ii) 1 (iii) 3 (iv) 0 (v) 4
13. Which of the following is an even number?
(i) 13 (ii) 16 (iii) 25 (iv) 31 (v) 29
14. The factors of 97 =
(i) {96,2} (ii) {97,2} (iii) {1,97} (iv) {1,97,96} (v) {1,97,96,2}

15. Find the LCM of {96,168}

- (i) 673 (ii) 672 (iii) 675 (iv) 669 (v) 671

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

- (i) 7,510 (ii) 7,513 (iii) 7,512 (iv) 7,514 (v) 7,511

17. The common multiples of 9 and 5 =

- (i) {45,90,135,180} (ii) {45,90,135,305} (iii) {90,135,180,298} (iv) {45,90,180,171} (v) {45,90,135,4}

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

- (i) 8,777 (ii) 8,780 (iii) 8,776 (iv) 8,779 (v) 8,778

19. Find the LCM of {12,10}

- (i) 60 (ii) 59 (iii) 63 (iv) 61 (v) 57

20. Find all common factors of 41 and 19

- (i) {19} (ii) {1,41} (iii) {1,19} (iv) {1} (v) {41}

21. Find the total number of factors of 10

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

22. The factors of 99 =

- (i) {1,3,9,11,33,99,32,2} (ii) {1,3,9,33,4,98} (iii) {1,3,9,11,33,99,10} (iv) {3,9,11,33,99,2}
(v) {1,3,9,11,33,99}

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

- (i) 7,809 (ii) 7,811 (iii) 7,808 (iv) 7,812 (v) 7,810

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

- (i) 3,591 (ii) 3,589 (iii) 3,592 (iv) 3,588 (v) 3,590

25. Find the prime factorization of 432

- (i) $(-1)^4 \times 3^3$ (ii) $2^3 \times 3^3$ (iii) $2^4 \times 3^3$ (iv) $2^4 \times 3^4$ (v) $4^4 \times 3^3$

Assignment Key

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