



- Which of the following numbers is divisible by 8?
(i) 5,297 (ii) 5,294 (iii) 5,296 (iv) 5,295 (v) 5,298
- Find the LCM of {36,108}
(i) 106 (ii) 107 (iii) 109 (iv) 111 (v) 108
- Find the twin primes in the following
(i) (3,7) (ii) (3,2) (iii) (2,5) (iv) (2,11) (v) (41,43)
- Which of the following numbers is divisible by 3?
(i) 1839 (ii) 1837 (iii) 1838 (iv) 1840 (v) 1841
- Find the product of LCM and HCF of {14,22,16,26}
(i) 32033 (ii) 32031 (iii) 32032 (iv) 32030 (v) 32035
- Find the product of LCM and HCF of {28,14}
(i) 389 (ii) 394 (iii) 393 (iv) 391 (v) 392
- Find the number of prime factors of 504
(i) 4 (ii) 0 (iii) 3 (iv) 1 (v) 2
- Which of the following is a prime number?
(i) 37 (ii) 39 (iii) 45 (iv) 35 (v) 9
- Find the prime factorization of 30
(i) $2 \times 6 \times 5$ (ii) $2^2 \times 3 \times 5$ (iii) $2 \times 2 \times 5$ (iv) $-1 \times 3 \times 5$ (v) $2 \times 3 \times 5$
- Which of the following numbers is divisible by 6?
(i) 3842 (ii) 3838 (iii) 3841 (iv) 3840 (v) 3839
- Which of the following numbers is divisible by 10?
(i) 7,812 (ii) 7,809 (iii) 7,811 (iv) 7,810 (v) 7,808
- What is the number that divides {6876,1516,3016} leaving a remainder of 16
(i) 21 (ii) 20 (iii) 17 (iv) 19 (v) 23
- Find the LCM of {6,8,18}
(i) 70 (ii) 72 (iii) 73 (iv) 75 (v) 71
- Which of the following numbers is divisible by 11?
(i) 5,502 (ii) 5,501 (iii) 5,500 (iv) 5,498 (v) 5,499

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

- (i) 9586 (ii) 9583 (iii) 9587 (iv) 9585 (v) 9584

16. Which of the following is an odd number?

- (i) 27 (ii) 10 (iii) 28 (iv) 16 (v) 26

17. The multiples of 18 =

- (i) {18,36,54,72,90,108,71} (ii) {18,36,54,72,90,108} (iii) {36,54,72,108,19,55}
(iv) {18,36,54,72,90,108,55,89} (v) {36,54,72,90,108,107}

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

- (i) 8,175 (ii) 8,177 (iii) 8,174 (iv) 8,178 (v) 8,176

19. Find the LCM of {8,6}

- (i) 24 (ii) 23 (iii) 22 (iv) 25 (v) 27

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

- (i) 5,333 (ii) 5,334 (iii) 5,335 (iv) 5,332 (v) 5,336

21. Find the LCM of {420,1080,300}

- (i) 37801 (ii) 37799 (iii) 37803 (iv) 37800 (v) 37798

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

- (i) 2062 (ii) 2060 (iii) 2058 (iv) 2059 (v) 2061

23. The factors of 94 =

- (i) {1,47,94,93} (ii) {1,47,3,93} (iii) {1,2,47,94,93} (iv) {1,2,47,94,3,93} (v) {1,2,47,94}

24. Find the smallest number in the list : 25 12 13 39 29 46 50 28 45 16

- (i) 46 (ii) 13 (iii) 25 (iv) 12 (v) 50

25. Find the total number of factors of 98

- (i) 7 (ii) 8 (iii) 5 (iv) 6 (v) 4

Assignment Key

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