



1. Which of the following numbers is divisible by 8?  
(i) 3,622 (ii) 3,626 (iii) 3,623 (iv) 3,624 (v) 3,625
2. The common multiples of 8 , 6 and 4 =  
(i) {24,48,96,120,144,173} (ii) {24,72,96,120,144,81} (iii) {24,48,72,96,120,144}  
(iv) {24,48,72,96,120,79} (v) {24,48,72,120,144,207}
3. Find the total number of factors of 16  
(i) 4 (ii) 8 (iii) 6 (iv) 5 (v) 2
4. Which of the following is a prime number?  
(i) 4 (ii) 12 (iii) 45 (iv) 27 (v) 41
5. Which of the following is a composite number?  
(i) 37 (ii) 48 (iii) 43 (iv) 3 (v) 19
6. Which of the following numbers is divisible by 8?  
(i) 9265 (ii) 9262 (iii) 9264 (iv) 9263 (v) 9266
7. Find the HCF of {170,20}  
(i) 10 (ii) 11 (iii) 13 (iv) 8 (v) 9
8. Which of the following numbers is divisible by 10?  
(i) 4,821 (ii) 4,818 (iii) 4,822 (iv) 4,820 (v) 4,819
9. Find the number of prime factors of 2254  
(i) 0 (ii) 4 (iii) 1 (iv) 3 (v) 2
10. Find the HCF of {48,45,26,30}  
(i) 0 (ii) 2 (iii) (-2) (iv) 1 (v) 3
11. Find the prime factorization of 1089  
(i)  $3^2 \times 13^2$  (ii)  $3^2 \times 11^2$  (iii)  $3^2 \times 11$  (iv)  $3^3 \times 11^2$  (v)  $1 \times 11^2$
12. Find the LCM of {195,105,270}  
(i) 24572 (ii) 24571 (iii) 24570 (iv) 24567 (v) 24569
13. Which of the following numbers is divisible by 5?  
(i) 7,655 (ii) 7,656 (iii) 7,653 (iv) 7,657 (v) 7,654
14. Find the total number of factors of 160  
(i) 14 (ii) 11 (iii) 13 (iv) 10 (v) 12

15. What is the number that divides {8931,1963,2093} leaving a remainder of 13

(i) 27 (ii) 29 (iii) 26 (iv) 23 (v) 25

16. Find the product of LCM and HCF of {21,8,6}

(i) 166 (ii) 168 (iii) 169 (iv) 170 (v) 167

17. Find the number of prime factors of 95

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

18. Find the LCM of {8,12,18}

(i) 71 (ii) 69 (iii) 72 (iv) 74 (v) 73

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

(i) 7445 (ii) 7444 (iii) 7441 (iv) 7442 (v) 7443

20. Find the HCF of {16,240}

(i) 17 (ii) 15 (iii) 14 (iv) 18 (v) 16

21. Which of the following is an even number?

(i) 45 (ii) 42 (iii) 5 (iv) 49 (v) 23

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

(i) 5,689 (ii) 5,690 (iii) 5,687 (iv) 5,688 (v) 5,686

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

(i) 1,887 (ii) 1,885 (iii) 1,889 (iv) 1,886 (v) 1,888

24. Find the number of prime factors of 35

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

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

(i) 7,698 (ii) 7,701 (iii) 7,702 (iv) 7,699 (v) 7,700

## Assignment Key

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