



1. Find the total number of factors of 6

- (i) 4 (ii) 6 (iii) 3 (iv) 5 (v) 2

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

- (i) 8,438 (ii) 8,439 (iii) 8,435 (iv) 8,436 (v) 8,437

3. The multiples of 19 =

- (i) {38,57,76,114,94,58} (ii) {19,38,57,76,95,114,115,39} (iii) {19,38,57,76,95,18}
(iv) {19,38,57,76,95,114} (v) {19,38,57,76,95,114,75}

4. Find the prime factorization of 69

- (i) 1×23 (ii) 3×23^2 (iii) 5×23 (iv) 3×23 (v) 3×22

5. Which of the following is an odd number?

- (i) 26 (ii) 12 (iii) 48 (iv) 24 (v) 29

6. Find the HCF of {24,35,10,26}

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

7. Which of the following is a prime number?

- (i) 6 (ii) 29 (iii) 40 (iv) 20 (v) 44

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

- (i) 4,807 (ii) 4,806 (iii) 4,805 (iv) 4,803 (v) 4,804

9. The multiples of 5 =

- (i) {5,15,20,25,30,21} (ii) {5,10,15,20,25,30,26,9} (iii) {5,10,15,20,25,30,29} (iv) {5,10,15,20,25,30}
(v) {5,20,25,30,14,9}

10. Find the prime factorization of 11550

- (i) $2 \times 3 \times 5^2 \times 7^2 \times 11$ (ii) $2 \times 3 \times 5^2 \times 7 \times 11$ (iii) $2 \times 3 \times 5^2 \times 7 \times 14$ (iv) $2 \times 3 \times 5^2 \times 6 \times 11$
(v) $-1 \times 3 \times 5^2 \times 7 \times 11$

11. Which of the following is an even number?

- (i) 3 (ii) 21 (iii) 25 (iv) 16 (v) 35

12. Find the prime factorization of 40

- (i) $2^3 \times 5$ (ii) $2^3 \times 5^2$ (iii) 0×5 (iv) $2^3 \times 4$ (v) $4^3 \times 5$

13. Find the product of LCM and HCF of {15,12}

- (i) 182 (ii) 180 (iii) 179 (iv) 177 (v) 181

14. Find the HCF of {32,35}

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

15. The factors of 18 =

- (i) {1,2,3,6,9} (ii) {1,2,3,6,9,18,17} (iii) {2,6,9,18,5,8} (iv) {1,2,3,6,9,18} (v) {1,2,3,6,9,18,17,8}

16. Find the prime factorization of 588

- (i) $2^2 \times 3 \times 7$ (ii) $2^2 \times 6 \times 7^2$ (iii) $2^2 \times 3 \times 5^2$ (iv) $2^2 \times 3 \times 7^2$ (v) $2^2 \times 3 \times 7^3$

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

- (i) 1,600 (ii) 1,603 (iii) 1,602 (iv) 1,601 (v) 1,604

18. Find the HCF of {27,20,22}

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

19. The multiples of 8 =

- (i) {8,16,24,40,41,31} (ii) {8,16,24,32,40,48,41} (iii) {8,16,24,32,40,48} (iv) {8,24,32,40,48,31}
(v) {8,16,24,32,40,48,17,7}

20. The factors of 25 =

- (i) {1,25,24} (ii) {1,5,25,2,24} (iii) {1,2,6} (iv) {1,5,25} (v) {1,5,25,24}

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

- (i) 8,319 (ii) 8,320 (iii) 8,322 (iv) 8,318 (v) 8,321

22. Find all common factors of 48, 24 and 26

- (i) {1,2,16} (ii) {1,0} (iii) {2,16} (iv) {1,2,0} (v) {1,2}

23. Find the total number of factors of 720

- (i) 29 (ii) 30 (iii) 31 (iv) 33 (v) 28

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

- (i) 7211 (ii) 7212 (iii) 7210 (iv) 7209 (v) 7208

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

- (i) 2,786 (ii) 2,783 (iii) 2,787 (iv) 2,784 (v) 2,785

Assignment Key

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