



1. Which of the following is a prime number?

- (i) 45 (ii) 30 (iii) 14 (iv) 4 (v) 3

2. Find the HCF of {26,24}

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

3. Which of the following is an odd number?

- (i) 29 (ii) 42 (iii) 50 (iv) 22 (v) 10

4. Find the total number of factors of 34

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

5. Find the HCF of {375,525,540,300}

- (i) 13 (ii) 16 (iii) 15 (iv) 17 (v) 14

6. Find all common factors of 34 , 24 and 8

- (i) {1,2,17} (ii) {1,2} (iii) {1,2,6} (iv) {2,17} (v) {2,12}

7. The simplest form of the fraction  $\frac{130}{200}$  is

- (i)  $\frac{13}{18}$  (ii)  $\frac{11}{20}$  (iii)  $\frac{13}{22}$  (iv)  $\frac{13}{20}$  (v)  $\frac{3}{4}$

8. Find the LCM of {4,6}

- (i) 12 (ii) 14 (iii) 11 (iv) 13 (v) 9

9. Which of the following is an even number?

- (i) 37 (ii) 31 (iii) 19 (iv) 15 (v) 44

10. Find the LCM of {6,12}

- (i) 11 (ii) 14 (iii) 12 (iv) 13 (v) 9

11. Find the LCM of {102,120}

- (i) 2038 (ii) 2040 (iii) 2043 (iv) 2039 (v) 2041

12. Find the total number of factors of 78

- (i) 6 (ii) 7 (iii) 11 (iv) 9 (v) 8

13. Find the HCF of {12,14}

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

14. Find the LCM of {312,480,456}

- (i) 118557 (ii) 118559 (iii) 118560 (iv) 118563 (v) 118561

15. Find the number of prime factors of 95

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

16. The factors of 86 =

- (i) {2, 86, 85, 3} (ii) {1, 2, 43, 3} (iii) {1, 2, 43, 86, 85} (iv) {1, 2, 43, 86} (v) {1, 2, 43, 86, 3, 44}

17. The multiples of 13 =

- (i) {13, 26, 39, 65, 78, 66} (ii) {13, 26, 39, 52, 65, 78, 53, 25} (iii) {13, 26, 39, 52, 65, 78} (iv) {13, 52, 65, 78, 25, 66}  
(v) {13, 26, 39, 52, 65, 78, 79}

18. Find the product of LCM and HCF of {20, 18}

- (i) 360 (ii) 361 (iii) 362 (iv) 357 (v) 359

19. The multiples of 12 =

- (i) {12, 24, 36, 48, 60, 72, 61, 23} (ii) {12, 24, 60, 72, 61, 47} (iii) {12, 24, 48, 60, 72, 73} (iv) {12, 24, 36, 48, 60, 72}  
(v) {12, 24, 36, 48, 60, 72, 23}

20. The factors of 79 =

- (i) {1, 79, 2} (ii) {1, 79, 2, 78} (iii) {1, 79} (iv) {1, 78} (v) {2, 78}

21. Reduce the fraction  $\frac{1470}{1575}$

- (i)  $\frac{14}{15}$  (ii)  $\frac{16}{15}$  (iii)  $\frac{4}{5}$  (iv)  $\frac{14}{13}$  (v)  $\frac{14}{17}$

22. Find the total number of factors of 15600

- (i) 61 (ii) 59 (iii) 57 (iv) 60 (v) 62

23. Find the LCM of {16, 12, 8}

- (i) 48 (ii) 49 (iii) 46 (iv) 47 (v) 51

24. The common multiples of 4, 8 and 9 =

- (i) {144, 147} (ii) {144, 69} (iii) {144, 289} (iv) {72, 247} (v) {72, 144}

25. Which of the following is a composite number?

- (i) 24 (ii) 11 (iii) 31 (iv) 43 (v) 47

## Assignment Key

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

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