



spardhaguru2022



Spardhaguru Current affairs



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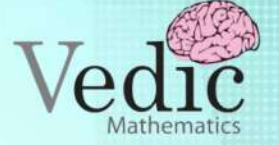
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1. The least number which when divided by 6, 9, 12, 15, 18 leaves the same remainder 2 in each case, is:

- A. 176                      B. 178  
C. 180                      D. 182

2. The HCF of two numbers is 98 and their LCM is 2352. The sum of the numbers may be

- A. 1078                      B. 1398  
C. 1426                      D. 1484

3. The LCM of two numbers is 2376 while their HCF is 33. If one of the numbers is 297, then the other number is

- A. 216                      B. 264  
C. 642                      D. 792

4. The product of HCF and LCM of 18 and 15 is

- A. 120                      B. 150  
C. 175                      D. 270

5. Three planets revolve round the Sun once in 200, 250 and 300 days, respectively in their own orbits. When do they all come relatively to the same position as at a certain point of time in their orbits?

- A. After 3000 days                      B. After 2000 days  
C. After 1500 days                      D. After 1200 days

6. What is the greatest number that divides 13850 and 17030 and leaves a remainder 17?

- A. 477                      B. 159  
C. 107                      D. 87

7. The HCF and LCM of two natural numbers are 12 and 72, respectively. What is the difference between the two numbers, if one of the numbers is 24?

- A. 12                      B. 18  
C. 21                      D. 24

8. The sum of two numbers is 232 and their HCF is 29. What is the number of such pairs of numbers satisfying the above condition?

- A. One                      B. Two  
C. Four                      D. None of these

9. The product of two numbers is 6912 and their GCD is 24. What is the LCM?

- A. 280                      B. 286  
C. 288                      D. 296

10. What is the LCM of  $\frac{2}{3}$ ,  $\frac{7}{9}$  and  $\frac{14}{15}$ ?

- A.  $\frac{7}{3}$                       B.  $\frac{14}{3}$   
C.  $\frac{2}{3}$                       D.  $\frac{1}{3}$

11. The HCF of 60 and 75 is:

- A) 15                      B) 30  
C) 45                      D) 10

12. The LCM of 4 and 6 is:

- A) 12                      B) 24  
C) 18                      D) 8

13. The product of two numbers is 960 and their HCF is 12. The LCM is:

- A) 60                      B) 80  
C) 72                      D) 96

14. HCF of 48, 60, and 72 is:

- A) 6                      B) 12  
C) 24                      D) 36

15. LCM of 9 and 15 is:

- A) 135                      B) 90  
C) 45                      D) 60

16. Which pair has HCF = 1?

- A) (14, 35)                      B) (18, 24)  
C) (8, 9)                      D) (16, 32)







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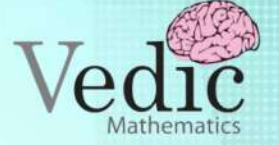
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17. The smallest number divisible by 12, 18, and 30 is:

- A) 180 B) 90  
C) 60 D) 120

18. If the HCF of two numbers is 11 and their product is 1210, then LCM = ?

- A) 110 B) 111  
C) 100 D) 99

19. HCF of 0 and any number is:

- A) 0 B) Number itself  
C) 1 D) Not defined

20. The LCM of two numbers is always:

- A) Greater than HCF B) Less than HCF  
C) Equal to HCF D) Can't say

21. The LCM of two numbers is 360 and their HCF is 12. If one of the numbers is 72, then the other number is:

- (a) 60 (b) 108  
(c) 180 (d) 240

22. The HCF of two numbers is 15 and their product is 1620. The LCM of the numbers is:

- (a) 108 (b) 216  
(c) 324 (d) 432

23. The smallest number which when divided by 12, 15, and 18 leaves a remainder of 7 in each case is:

- (a) 175 (b) 180  
(c) 185 (d) 190

24. The LCM of two numbers is 240 and their HCF is 15. If one of the numbers is 60, then the other number is:

- (a) 45 (b) 60  
(c) 75 (d) 90

25. The HCF of two numbers is 16 and their LCM is 240. If one of the numbers is 64, then the other number is:

- (a) 30 (b) 40  
(c) 50 (d) 60

26. The HCF of two numbers is 15 and their product is 1620. The LCM of the numbers is:

- (a) 108 (b) 216  
(c) 324 (d) 432

27. The LCM of two numbers is 480 and their HCF is 15. If one of the numbers is 120, then the other number is:

- (a) 60 (b) 180  
(c) 240 (d) 360

28. The HCF of two numbers is 24 and their product is 1728. The LCM of the numbers is:

- (a) 72 (b) 144  
(c) 288 (d) 576

29. The smallest number which when divided by 15, 20, and 25 leaves a remainder of 10 in each case is:

- (a) 290 (b) 300  
(c) 310 (d) 320

30. The LCM of two numbers is 600 and their HCF is 15. If one of the numbers is 150, then the other number is:

- (a) 200 (b) 240  
(c) 300 (d) 360

