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|  **SPECTRUM FOR TET** **MATHS**  |  |

**[H.C.F AND l.C.M OF NUMBERS](http://solutionofncert.blogspot.com/2009/08/hcf-and-lcm-of-numbers.html)**

1. **The HCF of two Number is 4 and there LCM is 576. If one of the number is 64, find the other number.**
	1. 35 36 37, 38
2. **Three drums contain 36 Liters, 45 Liters and 72 liters of oil. What biggest measure can measure all the different quantities exactly ?**
	1. 2,13, 9, 0
3. **Find yhe Largest number which can exactly divide 513, 783 and 1107.**
	1. 21,13,14,27
4. **Find the smallest number which can exactly divide 12, 15,20 and  27.**
	1. 543,310,540,345
5. **Find the smallest number exactly divible by 6,7,8,9 and 12.**
	1. 506,606,906,806

**6.HCF of 23, 32, 4 and 15 is : SPECTRUM FOR TET**

* 1. **23**,**32**,1,360
1. **The HCF of two numbers is 12  and their diffrence is also 12. the numbers are :**
	1. 66,78,70,82,94,106,84,96
2. **The Largest number Which exactly divides 210 , 315, 147 and 161 is :**
	1. 3,7
	2. 21,4410,None of these
3. **The Least perfect square number which is divisivle by 12, 15, 20, and is a perfect square, is :**
	1. 900,1200,2500,3600
4. **The Least number by which when divided by 5, 6, 7, and 8 leaves a remainder 3 , but when divided by 9 leaves no remainder, is :**
	1. 1677,1683,2523,3363
5. **The Number of prime factors in the expression 610X717X1127 is :**
	1. 54,64,71,81
6. **Which of the following fractions is the greatest of all ? 7/8, 6/7, 4/5, 5/6**
	1. 6/7,4/5,5/6,7/8 **SPECTRUM FOR TET**
7. **Which of the following fractions is the smallest of all ? 1/2, 3/7, 3/5, 4/9**
	1. 4/9,3/5,3/7,½
8. **The sum of two numbers is 216 and there H.C.F is 27 . The numbers are :**
	1. 54, 162,108,108,27, 189,none of these
9. If H.C.F.(26,91)=13, find the L.C.M.(26,91).
	1. 182,102,1,91
10. **The Least number which is divisible by 12, 15, 20 and is a perfect square is :**
	1. 400,900,1600,3600,none of these
11. **Six bells commence tolling together and toll at intervals of 2, 4, 6, 8, 10 and 12 seconds respectively. In 30 minutes, how many times do they toll together ?**
	1. 4,10,1516 **SPECTRUM FOR TET**
12. **When a certain number is multiplies by 13, the product consists entirely of lives. The smallest such number is :**
	1. 0,1,2,3
13. **When a certain number is multiplied by 13, the product consists entirely of fives. The smallest such number is :**
	1. 41625 ,42515,42735,42135
14. **3 + 2 √5 is**
	1. irrational.,rational.,Odd,Even
15. **Simplify :  91\*81+78\*78-2\*91\*78**
	1. 167,168,169,235
16. **The sum of two number is 25 and the diffrence of there squares is 75. Find the Diffrence between the numbers**.
	1. 1,2,3,4
17. **Which of the following numbers is exactly divisivle by 99.**
	1. 3572404,13592,913464 **,**114345 **SPECTRUM FOR TET**
18. **The face value of 8 in the numberal 458926 is  :**
	1. 8000,8,1000,458000

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 **MATHS**