



spardhaguru2022



Spardhaguru Current affairs



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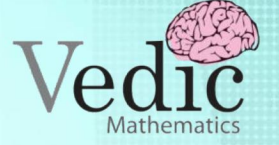
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1) Find the greatest number which will divide 25, 73 and 97 so as to leave the same remainder in each case.

- a) 12 b) 18
c) 24 d) 32

2) Three different containers contain different quantities of mixture milk and water, whose measurements are 403 Kg, 434 Kg and 465 Kg. What biggest measure must be there to measure all the different quantities exactly?

- a) 1 Kg b) 7 Kg
c) 14 Kg d) 31 Kg

3) If the HCF of two numbers is 2 and their LCM is 70, then the numbers are

- a) 2, 35 b) 4, 70
c) 6, 70 d) 14, 10

4) A merchant has 140 litres, 260 litres, 320 litres of three kinds of oil. He wants to sell the oil by filling the three kinds separately in tins of equal volume. The volume of such a tin will be

- a) 13 litres b) 16 litres
c) 20 litres d) 70 litres

5) The L.C.M. of 3, 2.7 and 0.09 is

- a) 0.27 b) 0.027
c) 27 d) 2.7

6) . What is the L.C.M. of 25, 30, 35 and 40?

- a) 3800 b) 4200
c) 4400 d) 3200

7) What is the greatest number which divides 639, 1065 and 1491 exactly?

- a) 193 b) 183
c) 223 d) 213

8) What is the H.C.F. of $\frac{4}{9}$, $\frac{10}{21}$ and $\frac{20}{63}$?

- a) $\frac{4}{189}$ b) $\frac{6}{63}$
c) $\frac{2}{63}$ d) $\frac{20}{21}$

9) The HCF of two numbers is 29 & their sum is 174. The possible numbers are

- a) 1,174 b) 74,100
c) 29, 154 d) 29, 145

10) Find the side of the largest square slab which can be paved on the floor of a room 5 meters 44cm long and 3 meters 74 cm broad.

- a) 56 cm b) 42 cm
c) 38 cm d) 34 cm

11) The product of two numbers is 6760 and their H.C.F. is 13. How many such pairs can be formed?

- a) 0 b) 3
c) 4 d) 2





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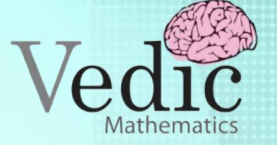
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12) LCM of $1/3$, $5/6$, $5/4$, $10/7$ is:

- a) $10/7$ b) 10
c) $10/11$ d) $11/10$

13) HCF of $3/16$, $5/12$, $7/8$ is:

- a) $2/47$ b) $3/47$
c) $1/48$ d) $5/48$

14) The least square number which divides 8, 12 and 18 is?

- a) 100 b) 121
c) 64 d) 144

15) The least number which when divided by 8, 12 and 16, leave in each remainder 3, is?

- a) 71 b) 70
c) 69 d) 51

16) The least number which when add 3 to it, completely divided 8, 12 and 18 is?

- a) 71 b) 70
c) 69 d) 68

17) The least number which when diminished by 7 is divisible by 21, 28, 36 and 45 is?

- a) 1267 b) 1265
c) 1261 d) 68

18) The smallest number when increased by " 1 " is exactly divisible by 12, 18, 24, 32 and 40 is:

- a) 1439 b) 1440
c) 1459 d) 1449

19) A heap of coconuts is divided into groups of 2, 3 and 5 and each time one coconut is left over. The least number of Coconuts in the heap is?

- a) 31 b) 41
c) 51 d) 61

20) The smallest number which when divided by 20, 25, 35 and 40 leaves a remainder of 14, 19, 29 and 34 respectively is?

- a) 1994 b) 1494
c) 1349 d) 1496

21) Find the least number of five digits which is exactly divisible by 12, 15 and 18?

- a) 1080 b) 10080
c) 10025 d) 11080

22) HCF and LCM two numbers are 12 and 396 respectively. If one of the numbers is 36, then the other number is?

- a) 36 b) 66
c) 132 d) 264

23) Least perfect square number, exactly divisible by 21, 36 and 56 is?

- a) 3600 b) 504
c) 441 d) 7056





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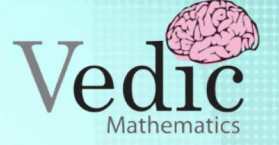
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24) A man was employed on the promise that he will be paid the highest wages per day. The contract money to be paid was Rs. 1189. Finally he was paid only Rs. 1073. For how many days did he actually work?

- a) 39 b) 40
c) 37 d) 35

25) An officer was appointed on maximum daily wages on contract money of Rs. 4956. But on being absent for some days, he was paid only Rs. 3894. For how many days was he absent?

- a) 3 b) 4
c) 5 d) 6

26) A merchant has three different types of milk: 435 liters, 493 liters and 551 liters. Find the least number of casks of equal size required to store all the milk without mixing.

- a) 51 b) 61
c) 47 d) 45

27) . A wholesale tea dealer 408 kilograms, 468 kilograms and 516 kilograms of three different qualities of tea. He wants it all to be packed into boxes of equal size without mixing. Find the capacity of the largest possible box?

- a) 50 b) 36
c) 24 d) 12

28) Find the size of the largest square slabs which can be paved on the floor of a room 5 meters 44 cm long and 3 meters 74 cm broad?

- a) 56 b) 42
c) 38 d) 34

29) A room is 4 meters 37 cm long and 3 meters 23cm broad. It is required to pave the floor with minimum square slabs. Find the number of slabs required for this purpose?

- a) 485 b) 431
c) 391 d) 381

30) How many minimum number's of whole square slabs are required for paving the floor 12.96 meters long and 3.84 meters side?

- a) 216 b) 192
c) 108 d) 256

