



spardhaguru2022



Spardhaguru Current affairs



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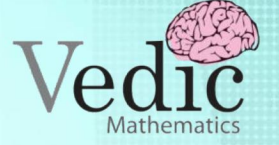
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1) The number nearest to 43582 divisible by each of 25, 50 and 75 is :

- a) 43550 b) 43600
c) 43650 d) 43500

2) The LCM of four consecutive numbers is 60. The sum of the first two numbers is equal to the fourth number. What is the sum of four numbers?

- a) 24 b) 21
c) 14 d) 17

3) The least number which when divided by 16, 18, 20 and 25 leaves 4 as remainder in each case but when divided by 7 leaves no remainder is

- a) 18004 b) 18002
c) 18000 d) 17004

4) Three bells ring simultaneously at 11a.m. They ring at regular intervals of 20 minutes, 30 minutes, 40 minutes respectively. The time when all the three ring together next is

- a) 1.30 p.m. b) 1.15 p.m.
c) 1 p.m. d) 2 p.m.

5) The number nearest to 10000, which is exactly divisible by each of 3, 4, 5, 6, 7 and 8, is :

- a) 10000 b) 9996
c) 10080 d) 9240

6) The least multiple of 7, which leaves the remainder 4, when divided by any of 6, 9, 15 and 18, is

- a) 364 b) 184
c) 94 d) 76

7) Four bells ring at the intervals of 5, 6, 8 and 9 seconds. All the bells ring simultaneously at some time. They will again ring simultaneously after

- a) 24 minutes b) 18 minutes
c) 12 minutes d) 6 minutes

8) The smallest number, which when divided by 5, 10, 12 and 15, leaves remainder 2 in each case; but when divided by 7 leaves no remainder, is

- a) 91 b) 175
c) 182 d) 189

9) The H.C.F. of two numbers is 11 and their L.C.M. is 693. If one of the numbers is 77, find the other.

- a) 99 b) 95
c) 96 d) 98

10) Find the greatest number which on dividing 1657 and 2037 leaves remainders 6 and 5 respectively.

- a) 129 b) 136
c) 127 d) 199





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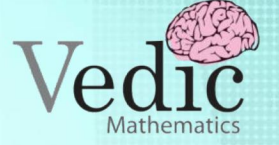
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11) Find the largest number which divides 62, 132 and 237 to leave the same remainder in each case.

- a) 36 b) 38
c) 45 d) 35

12) Find the least number which when divided by 6,7,8,9, and 12 leave the same remainder 1 each case

- a) 504 b) 505
c) 506 d) 508

13) Find the largest number of four digits exactly divisible by 12,15,18 and 27.

- a) 9999 b) 9988
c) 9872 d) 9720

14) Find the smallest number of five digits exactly divisible by 16,24,36 and 54.

- a) 10368 b) 10876
c) 10345 d) 10234

15) Find the least number which when divided by 20,25,35 and 40 leaves remainders 14,19,29 and 34 respectively.

- a) 1394 b) 1390
c) 1400 d) 1380

16) Find the least number which when divided by 5,6,7, and 8 leaves a remainder 3, but when divided by 9 leaves no remainder.

- a) 1683 b) 1892
c) 1762 d) 1823

17) The traffic lights at three different road crossings change after every 48 sec., 72 sec and 108 sec. respectively .If they all change simultaneously at 8:20:00 hours, then at what time they again change simultaneously .

- a) 8:26:12 hrs b) 8:27:12 hrs
c) 7:12:34 hrs d) 9:12:30 hrs

18) Three number are in the ratio of 3 : 4 : 5 and their L.C.M. is 2400. Their H.C.F. is:

- a) 40 b) 80
c) 120 d) 200

19) A rectangular courtyard 3.78 meters long 5.25 meters wide is to be paved exactly with square tiles, all of the same size. what is the largest size of the tile which could be used for the purpose?

- a) 14 cms b) 21 cms
c) 42 cms d) None of these

20) Two numbers are in the ratio of 15 : 11. If their HCF is 13, then the numbers are

- a) 15, 11 b) 75, 55
c) 195, 143 d) 199, 147





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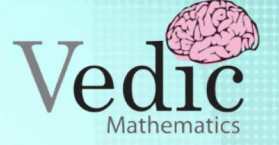
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21) The HCF and LCM of two numbers are 50 and 250 respectively. If the first number is divided by 2, the quotient is 50. The second number is

- a) 50 b) 75
c) 100 d) 125

22) The smallest number which when increased by 5 is divisible by each one of 24, 32, 36 and 54 is

- a) 859 b) 869
c) 4320 d) 4520

23) An electronic device makes a beep after every 60 sec. Another device makes a beep after every 62 sec. They beeped together at 10 A.M. The time when they will next make a beep together at the earliest is

- a) 10.30 A.M. b) 10.31 A.M.
c) 10.59 A.M. d) 11 A.M.

24) Which of the following is a pair of co-prime?

- a) (16, 62) b) (18, 25)
c) (21, 35) d) (23, 92)

25) If the product of two numbers is 324 and their H.C.F. is 3, then their L.C.M. will be

- a) 108 b) 320
c) 327 d) 972

26) The product of two numbers is 1320 and their H.C.F. is 6. The L.C.M. of the numbers is

- a) 210 b) 220
c) 1314 d) 1326

27) The HCF of two numbers is 11 and their LCM is 7700. If one of these numbers is 275, then the other one is

- a) 918 b) 308
c) 283 d) 279

28) The H.C.F. and L.C.M. of two numbers are 50 and 250 respectively. If the first number is divided by 2, the quotient is 50. The second number is

- a) 50 b) 100
c) 105 d) 125

29) The LCM of three different numbers is 120. Which of the following cannot be their HCF?

- a) 8 b) 12
c) 24 d) 35

30) The H.C.F of two numbers is 12 and their difference is 12. The numbers are

- a) 94, 106 b) 84, 96
c) 70, 82 d) 66, 78

