



spardhaguru2022



Spardhaguru Current affairs



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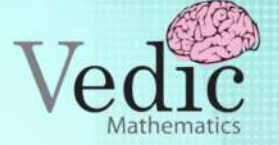
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1) The least number, which is a perfect square and is divisible by each of the numbers 16, 20 and 24, is

- a) 14400                      b) 6400  
c) 3600                      d) 1600

2) The smallest number, which, when divided by 12 or 10 or 8, leaves remainder 6 in each case, is

- a) 66                      b) 126  
c) 186                      d) 246

3) The least number which when divided by 5, 6, 7 and 8 leaves a remainder 3, but when divided by 9 leaves no remainder is

- a) 3363                      b) 2523  
c) 1683                      d) 1677

4) The smallest number, which when increased by 5 is divisible by each of 24, 32, 36 and 564, is

- a) 427                      b) 4320  
c) 859                      d) 869

5) The traffic lights at three different road crossings change after 24 seconds, 36 seconds and 54 seconds respectively. If they all change simultaneously at 10 : 15 : 00 AM, then at what time will they again change simultaneously?

- a) 10 : 22 : 12 AM                      b) 10 : 17 : 02 AM  
c) 10 : 18 : 36 AM                      d) 10 : 16 : 54 AM

6) The least number, which when divided by 4, 5 and 6 leaves remainder 1, 2 and 3 respectively, is

- a) 63                      b) 61  
c) 59                      d) 57

7) Let the least number of six digits which when divided by 4, 6, 10, 15 leaves in each case same remainder 2 be N. The sum of digits in N is :

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

8) The least number which when divided by 4, 6, 8 and 9 leave zero remainder in each case and when divided by 13 leaves a remainder of 7 is :

- a) 85                      b) 36  
c) 72                      d) 144

9) The smallest square number divisible by 10, 16 and 24 is

- a) 3600                      b) 2500  
c) 1600                      d) 900

10) When a number is divided by 15, 20 or 35, each time the remainder is 8. Then the smallest number is

- a) 338                      b) 328  
c) 427                      d) 428

11) If the students of a class can be grouped exactly into 6 or 8 or 10, then the minimum number of students in the class must be

- a) 240                      b) 180  
c) 120                      d) 60

12) The greatest number of four digits which when divided by 3, 5, 7, 9 leave remainders 1, 3, 5, 7 respectively is :

- a) 9765                      b) 9766  
c) 9764                      d) 9763

13) Find the greatest number of five digits which when divided by 3, 5, 8, 12 have 2 as remainder :

- a) 99962                      b) 99960  
c) 99958                      d) 99999

14) Three electronic devices make a beep after every 48 seconds, 72 seconds and 108 seconds respectively. They beeped together at 10 a.m. The time when they will next make a beep together at the earliest is

- a) 10 : 07 : 48 hours                      b) 10 : 07 : 36 hours  
c) 10 : 07 : 24 hours                      d) 10 : 07 : 12 hours







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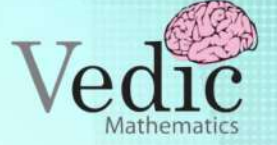
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15) Which is the least number which when doubled will be exactly divisible by 12, 18, 21 and 30 ?

- a) 196                      b) 630  
c) 1260                    d) 2520

16) The least multiple of 13, which on dividing by 4, 5, 6, 7 and 8 leaves remainder 2 in each case is:

- a) 840                      b) 2522  
c) 842                      d) 2520

17) The largest 4-digit number exactly divisible by each of 12, 15, 18 and 27 is

- a) 9960                    b) 9930  
c) 9720                    d) 9690

18) A, B, C start running at the same time and at the same point in the same direction in a circular stadium. A completes a round in 252 seconds, B in 308 seconds and C in 198 seconds. After what time will they meet again at the starting point ?

- a) 46 minutes 12 seconds  
b) 45 minutes  
c) 42 minutes 36 seconds  
d) 26 minutes 18 seconds

19) Three bells ring at intervals of 36 seconds, 40 seconds and 48 seconds respectively. They start ringing together at a particular time. They will ring together after every

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

20) The greatest number of four digits which when divided by 12, 16 and 24 leave remainders 2, 6 and 14 respectively is

- a) 9998                    b) 9807  
c) 9970                    d) 9974

