**1. The smallest number which when diminished by 7,  is divisible by  12, 16, 18, 21 and 28 is**

|  |  |
| --- | --- |
| **A) 1008** | **B) 1015** |
| **C) 1022** | **D) 1032** |

**2. The least number which when divided by 5, 6 , 7 and 8 leaves a remainder 3,**

**3.**Find the least number, which when divided by 12, 15, 20 and 54 leaves a remainder of 8 in each case.   
  
a. 548  
b. 540  
c. 532  
d. 524

4. 5 bells commence tolling together and toll at intervals 2, 4, 6, 8 and 10 seconds respectively. Find in 40 minutes, how many times do they toll together?   
  
a. 8 times  
b. 19 times  
c. 21 times  
d. 30 times

**3.**Find the least number, which when divided by 5, 6, and 7 leaves a remainder of 2, 3 and 4 respectively.

5. The traffic lights at three different road crossings change after every 40 sec, 72 sec and 108 sec respectively. If they all change simultaneously at 5 : 20 : 00 hours, then find the time at which they will change simultaneously.   
  
a. 5 : 28 : 00 hrs  
b. 5 : 30 : 00 hrs  
c. 5 : 38 : 00 hrs  
d. 5 : 40 : 00 hrs

**(Quad wave)6. The least multiple of 7 which leaves a remainder of 4 when divided by 6,9and 18 is?**

**a. 74**

**b. 94**

**c. 184**

**d. 364**

**11.**Find the greatest number, which on dividing 1657 and 2037 leaves remainders 6 and 5 respectively.  
  
a. 127  
b. 132   
c. 114  
d. 108

(Huwaei) Find the largest 4 digit number which when divided by 15,25,40 and 75 leaves no remainder?