1.

    Find the least number which will leaves remainder 5 when divided by 8, 12, 16 and 20.

A. 240
B. 245
C. 265
D. 235

Answer: B

2.

    Two numbers are in the ratio 3: 4. If their LCM is 240, the smaller of two number is

A. 100
B. 80
C. 60
D. 50

Answer: C

3.

    Find the number of prime numbers from 101 and 120?
   A. 3
   B. 4
   C. 5
   D. 8

Answer: C

4.

Find the greatest number that will divide 43, 91 and 183 so as to leave the same remainder in each case.

A. 4
B. 7
C. 9
D. 13

Answer: A

5.

Find the first term of an AP whose 8th and 12th terms are respectively 39 and 59.

A. 5
B. 6
C. 4
D. 3
E. 7

Answer: C