Question:

LCM and HCF

The least number of five digits which is exactly divisible by 12, 15 and 18, is:

1. 10010
2. 10051
3. 10020
4. 10080

Explaination:
Least number of 5 digits is 10,000 L.C.M. of 12, 15 and 18 is 180.
On dividing 10000 by 180, the remainder is 100.
∴ Required number
= 10000 + (180 − 100) = 10080.

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