B. 15

C. 13

D. 11

Answer: C

Explanation:

Option C is correct.

LCM of 5, 10, 15, 20, 25 and 30 = 300

So, the bell will toll together after every 300s (5 min)

So total number of times they toll together 1+12=13.

Q31. If the average age of Dinesh and Mahesh is 16 years the average age of Mahesh and Rahul is 13 years and the average age of Dinesh and Rahul is 14 years, then what is the age of Mahesh?

A. 15 years

B. 20 years

C. 18 years

D. 16 years

Answer: A

Explanation:

Option A is correct.

Let age of Dinesh, Mahesh and Rahul be D, M and R respectively.

Then according to the question,

D+M=32

M+R= 26

D+R= 28

Therefore 2(D+M+R) = 86.

D+M+R= 43 …(1)

D+R=28 …(2)

Subtracting (1) & (2)

Age of Mahesh (M) =15 years