

38) let A's present age = x years

B's present age = $(90-x)$ years
acc. to con.

A's age 5 years ago = $(x-5)$ years

B's age 5 years ago = $90-x-5$
= $(85-x)$ years

\therefore True

note - acc. to II condition

B's age 5 years ago = $\frac{x-5}{3}$ years

39. let two eqns be

$$\begin{array}{l|l} x-3=5 & \frac{x}{2}=4 \\ \Rightarrow x=5+3 & \Rightarrow x=4 \times 2 \\ \Rightarrow x=8 & \Rightarrow x=8 \end{array}$$

False

40. $3x-3=9$

$$\Rightarrow 3x=9+3$$

$$\Rightarrow 3x=12$$

False