

Correct option is **1. 40, 50**

$$\frac{M}{S} = \frac{4}{5}$$

$$\therefore M = 4n, \quad S = 5n$$

$$\frac{M-5}{S-5} = \frac{7}{9}$$

$$\Rightarrow \frac{4n-5}{5n-5} = \frac{7}{9}$$

$$\Rightarrow 36n - 45 = 35n - 35$$

$$\Rightarrow n = 10$$

$\therefore$  Present ages are 40 and 50 years.