Solution.

Let x be the number of 50-rupee notes, y be the number of 20-rupee notes, z be the number of 10-rupee notes.

Solve this problem by using a system of equations. So

$$\begin{cases} 50x + 20y + 10z = 590 \\ \dfrac{x}{y} = \dfrac{3}{5} \\ x + y + z = 25 \end{cases}$$

Solve the following system:

$$\begin{cases} 50x + 20y + 10z = 590 \\ 5x - 3y = 0 \\ x + y + z = 25 \end{cases}$$

Subtract $\frac{1}{10} \times$ (equation 1) from equation 2 :

$$\begin{cases} 50x + 20y + 10z = 590 \\ -5y - z = -59 \\ x + y + z = 25 \end{cases}$$

Divide equation 1 by 10:

$$\begin{cases} 5x + 2y + z = 59 \\ -5y - z = -59 \\ x + y + z = 25 \end{cases}$$

Multiply equation 2 by -1:

$$\begin{cases} 5x + 2y + z = 59 \\ 5y + z = 59 \\ x + y + z = 25 \end{cases}$$

Subtract $\frac{1}{5} \times$ (equation 1) from equation 3:

$$\begin{cases} 5x + 2y + z = 59 \\ 5y + z = 59 \\ \dfrac{3y}{5} + \dfrac{4z}{5} = \dfrac{66}{5} \end{cases}$$

Multiply equation 3 by 5:

$$\begin{cases} 5x + 2y + z = 59 \\ 5y + z = 59 \\ 3y + 4z = 66 \end{cases}$$

Subtract $\frac{3}{5} \times$ (equation 2) from equation 3:

$$\begin{cases} 5x + 2y + z = 59 \\ 5y + z = 59 \\ \dfrac{17z}{5} = \dfrac{153}{5} \end{cases}$$

Multiply equation 3 by $\dfrac{5}{17}$:

$$\begin{cases} 5x + 2y + z = 59 \\ 5y + z = 59 \\ z = 9 \end{cases}$$

Substitute z into equation 1 and equation 2:

$$\begin{cases} 5x + 2y = 50 \\ 5y = 50 \\ z = 9 \end{cases}$$

$$\begin{cases} 5x + 2y = 50 \\ y = 10 \\ z = 9 \end{cases}$$

Substitute y into equation 1:

$$\begin{cases} 5x = 30 \\ y = 10 \\ z = 9 \end{cases}$$

$$\begin{cases} x = 6 \\ y = 10 \\ z = 9 \end{cases}$$

Answer: he has 9 currency notes in the denomination of Rs. 10.