

$$\begin{pmatrix} 1 & 3 & 2 \\ 2 & -1 & -3 \\ 5 & 2 & 1 \end{pmatrix} = \begin{pmatrix} 3 \\ -8 \\ 9 \end{pmatrix}$$

$$\begin{pmatrix} 1 & 3 & 2 \\ 0 & 1 & 1 \\ 0 & -13 & -9 \end{pmatrix} = \begin{pmatrix} 3 \\ 2 \\ -6 \end{pmatrix}$$

$$\begin{pmatrix} 1 & 0 & -1 \\ 0 & 1 & 1 \\ 0 & 0 & 4 \end{pmatrix} = \begin{pmatrix} -3 \\ 2 \\ 20 \end{pmatrix}$$

$$\begin{pmatrix} 1 & 0 & -1 \\ 0 & 1 & 1 \\ 0 & 0 & 1 \end{pmatrix} = \begin{pmatrix} -3 \\ 2 \\ 5 \end{pmatrix}$$

$$\begin{pmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{pmatrix} = \begin{pmatrix} 2 \\ -3 \\ 5 \end{pmatrix}$$

$a=2$  ,  $b=-3$  ,  $c=5$

Answer: (B) -3