

First() & Follow()

$$\begin{aligned} \textcircled{1} \quad S &\rightarrow ABC \mid ad \\ A &\rightarrow eS \mid Cr \\ C &\rightarrow t \mid P \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad S &\rightarrow XZY \mid ZbY \mid Ya \\ X &\rightarrow da \mid YZ \\ Y &\rightarrow g \mid e \\ Z &\rightarrow h \mid e \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad S &\rightarrow aXYb \\ X &\rightarrow c \mid e \\ Y &\rightarrow d \mid e \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad S &\rightarrow ABC \\ A &\rightarrow a \mid b \mid D \\ B &\rightarrow a \mid e \\ C &\rightarrow b \mid e \\ D &\rightarrow e \mid e \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad S &\rightarrow aAB \mid bA \mid e \\ A &\rightarrow aAb \mid e \\ B &\rightarrow bB \mid e \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad E &\rightarrow 10 * T \mid 5 + T \\ T &\rightarrow PS \\ S &\rightarrow QP \mid E \\ Q &\rightarrow + \mid * \\ P &\rightarrow a \mid b \mid c \end{aligned}$$