$Y \quad E \rightarrow E + T \mid T \mid *F \mid (E) \mid \#a \mid \#b \mid \#0 \mid \#1$

$T \rightarrow f \cdot P \mid (E) \mid \#a \mid \#b \mid \#0 \mid \#1$

$E \rightarrow (E) \mid \#a \mid \#b \mid \#0 \mid \#1$

$\quad \rightarrow a \mid b \mid \#a \mid \#b \mid \#0 \mid \#1$

$E \rightarrow EY_1 \mid TY_2 \mid X_2 V_3 \mid \mid Y_4 \mid \mid Y_5$
$\qquad\qquad\qquad\qquad\qquad \mid Y_6 \mid \mid Y_7$

$T \rightarrow TY_2 \mid X_3 Y_3 \mid \mid Y_4 \mid \pm Y_5 \mid \pm Y_6 \mid \pm Y_7$

$P \rightarrow X_3 V_3 \mid \mid Y_4 \mid \pm V_5 \mid \pm V_6 \mid \pm V_7$

$\Gamma \rightarrow a \mid b \mid \pm V_4 \mid \pm V_5 \mid \pm V_6 \mid \pm V_7$

$V_1 \rightarrow X_1 T$
$X_1 \rightarrow +$
$V_2 \rightarrow X_2 F$
$X_2 \rightarrow *$
$X_3 \rightarrow X_4 E$
$X_4 \rightarrow ($
$^P Y_3 \rightarrow)$
$V_4 \rightarrow a$
$V_5 \rightarrow b$
$V_6 \rightarrow 0$
$V_7 \rightarrow 1$

(Question2

$1 \rightarrow$ a2 | b3
$2 \rightarrow$ a2 | b4
$3 \rightarrow$ b3 + a5
$4 \rightarrow$ b4 | a2 | λ
$5 \rightarrow$ a5 | b3 1,6