2.14 Converta a seguinte GLC em uma GLC equivalente na forma normal de Chomsky, usando o procedimento dado no Teorema 2.9. $A \rightarrow BAB \mid B \mid \varepsilon$ $B \rightarrow 00 \mid \varepsilon$ A (-) A -BAB/B/E 8-7 001 € A (-) A-> BABIBI & I BA LAB | BB B-) 00 5-7 Ale A-> BABIBIBALABIBB B-3 00 5-> A/E A-> BAB100/BA/AB/BB B-200 5-7 BAB/00/BA/AB/08/E A- BAB/00/BA/AB/BB B~ 00 5-> BAB/WW/BA/AB/08/E A- BAB/N 4/BA/AB/BB NN ~3

N -> 0 K62

5->BT' | wy BA | AB | OB | E A- BT/WW/BA/AB/BB NN ~ 8 0 c- N

OA CT

```
\begin{array}{l} S \rightarrow \mathtt{a} T\mathtt{b} \mid \mathtt{b} T\mathtt{a} \\ T \rightarrow X T X \mid X \mid \varepsilon \end{array}
5-7 R
R-JXRXIS
5-) aTb1/20
T-) x/x 1x1E
x-20/p
5-7 R
 R-7 XRX 15
 5-) atblbtalablbale
 T-) x(x 1x1xx
 x-20/p
5-7 R
 R-7xRx15/2
 5-) atblbtalablba
 T-) x(x 1x1xx
 \chi - 100
5-7R18
 6-7xex15
 5-) atblbtalablba
 T-) x(x 1x1xx
 x-20/p
 5-7 R/E
 6-7xex15
 5-) atblbtalablba
```

 $R \rightarrow XRX \mid S$

T-) x(x lalb) xx

x-20/1/2

Sor RIE
R-XRXI atblbTalablba
S-O aTblbTalablba
T-O XXX lalbl XX
X-O alb

Sor XRXIaTH btalablbale
R-XRXIaTH btalablba
S-O aTH btalablba
T-O XXXIaIHXX
X-O alb

3/5W/W5/5TW/WT5/x9x c-2 5W/W5/5TW/WT5/ x9x c-9 5W/W5/5TW/WT5 (-2 \$W/W5/5TW/WT5 (-2 \$XX/d/al x7x (-T \$XX/d/al x7x (-T \$XX/d/al x7x (-T \$XX/d/al x7x (-T \$XX/d/al x7x (-T

S=7 xc | 2E | wD | 2w | wz | E R=7 x c | 3E | wD | 2w | wz S=1 x | wD | xx T=7 x | w| x x X=7 x | w = 1 X=7 x | w = 1 D=7 TZ E=7 tw

F-7 XT

5-7 E-17 T-17 T-17 XF IF
F-7 (E) 10

S-> E E-> E+T|T T-> T×F|(E)|Q F-> (E)|Q

S->E+T|TxF|(E)| Q E-> E+T|TxF|(E)| Q T->TxF)(E)|Q F->(E)|Q

S-> EIT | TOF | GEH | A E-> EIT | TJF | GEH | A T-> TJF | GEH | A F-> GEH | A G-> (H->) I-> + J-> ×

S->EPITD1641A E->EPITD1641A T->TD1641A F->641A G->(H->) I-> + J-> x D-> I+ N->EH