3.

按照顺序从上到下依次消除左递归后，得到的文法如下：

$S \to AbS'$

$S' \to aS' \mid \varepsilon$

$A \to BdA'$

$A' \to cA' \mid \varepsilon$

$B \to CgB' \mid fB'$

$B' \to dA'bSeB' \mid \varepsilon$

$C \to fB'hC' \mid jC'$

$C' \to gB'hC' \mid \varepsilon$

First集：

First(S) = First(A) = First(B) = First(C) = {f, j}

First(S') = {a, ε}, First(A') = {c, ε}

First(B') = {d, ε}, First(C') = {g, ε}

Follow集：

Follow(S) = {$R}, Follow(S') = {$R, e}

Follow(A) = Follow(A') = {b}

Follow(B) = {d}, Follow(B') = {d, h}

Follow(C) = Follow(C') = {g}

LL(1)分析表：

	a	b	c	d	e	f	g	h	j	$R
S						S→AbS'			S→AbS'	
S'	S'→aS'				S'→ε					S'→ε
A						A→BdA'			A→BdA'	
A'		A'→ε	A'→cA'							
B						B→fB' B→CgB'			B→CgB'	
B'				B'→dA'bSeB' B'→ε				B'→ε		
C						C→fB'hC'			C→jC'	
C'							C'→gB'hC' C'→ε			

因为LL(1)分析表中有3处冲突，所以不是LL(1)文法。