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Comptech Sesi -20

Date:

No.:

☐ Bottom-up parsing

☒ Soal:

$S \rightarrow (L) \mid a$

$L \rightarrow L, S \mid S$

Input: SaSS

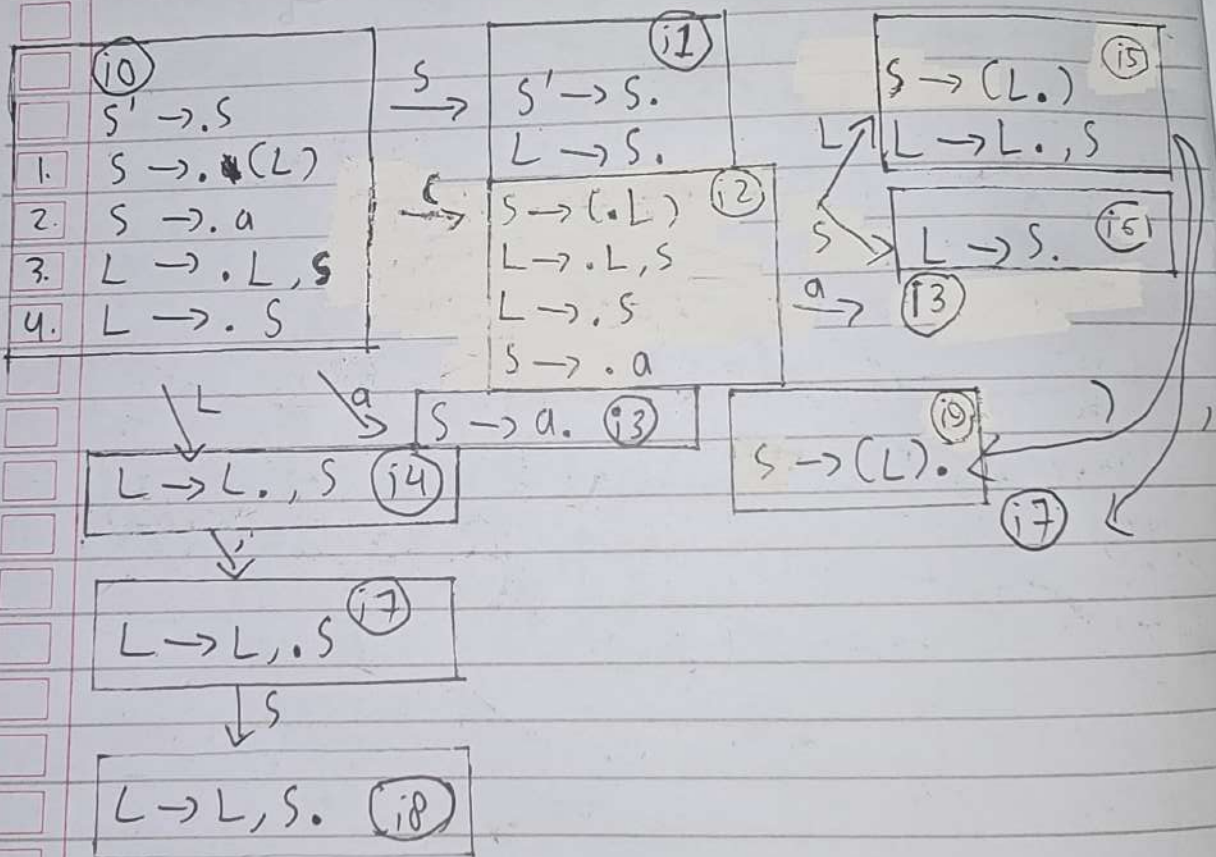
Augmented grammar: $S' \rightarrow .S$

1. $S \rightarrow .(L)$

2. $S \rightarrow .a$

3. $L \rightarrow .L, S$

4. $L \rightarrow .S$



No.: coreton Follow

Date:

☐ Follow (S) = S → (L)

☐ Follow (S) = S → a (εa)

☐ Follow (L) = L → L, S

☐ Follow (L) = L → S (εS)

☐ Follow (S) = \$

☐ Follow (L) =),

	S	L	()	a	,	\$
0	1	4	S2		S4		
1				R4		R4	Accepted
2	6	5			S3		
3							R2
4						S7	
5				S9		S7	
6				R4		R4	
7	8						
8				R3		R3	
9							R1

Stack	Input	Output
0\$	SaSS\$	1
10\$	SaSS\$	Rejected