

1.

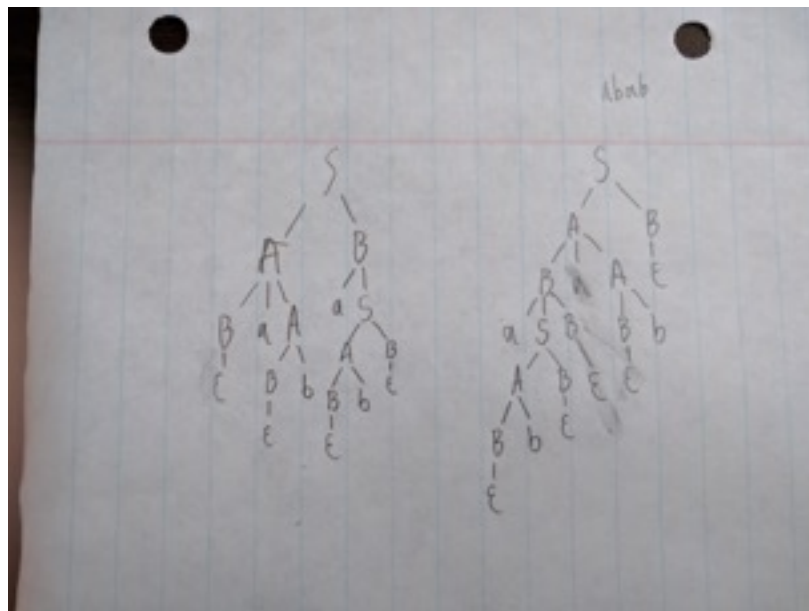
1. 0
2. 5
3. 11
4. 0041
5. 000411111111
6. 111115000010000000
7. Token 1 - "00031010030030111001"

String	Matching	Potential	Longest Matching
00031010030030111001 ^		ALL	
00031010030030111001 ^	R0, R1, R2	R3, R4, R5	R0, 1
00031010030030111001 ^	R3	R4, R5	R2, 2
00031010030030111001 ^	R3, R4, R5		R2, 3
00031010030030111001 ^		R3, R4, R5	
00031010030030111001 ^	R3, R4	R5	R3, 5
00031010030030111001 ^	R4	R5	R4, 6
00031010030030111001 ^	R4		R4, 7
00031010030030111001 ^	R4	R5	R4, 8
00031010030030111001 ^	R4	R5	R4, 9
00031010030030111001 ^	R4	R5	R4, 10
00031010030030111001 ^	R4	R5	R4, 11
00031010030030111001 ^	R4	R5	R4, 12
00031010030030111001 ^	R4	R5	R4, 13
00031010030030111001 ^	R4	R5	R4, 14
00031010030030111001 ^	R4	R5	R4, 15

String	Matching	Potential	Longest Matching
00031010030030111001 ^	R4	R5	R4, 16
00031010030030111001 ^	R4	R5	R4, 17
00031010030030111001 ^	R4	R5	R4, 18
00031010030030111001 ^	R4	R5	R4, 19
00031010030030111001 ^	R4	R5	R4, 20

2.

1. SAB
2. a
3. b, ϵ
- 4.



3.

1. ϵ , b
2. Yes.
3. Yes.
4. Follow(C) is a subset of Follow(A)
5. Follow(D) is not necessarily a subset of Follow(A), because D may not include ϵ