Question Consider the following augmented grammar, G =((S, L), S, ((,), ;, a $\}$) 1. S o (L)2. S o a3. L o L; S4. $L \rightarrow S$ Figure 1 shows the skeleton of the LR(1) automaton for the grammar. If you can't see the image properly, follow this link. $https://drive.google.com/file/d/1baVQvN4tA66pdNHvEFwV8EeIYqgMPDe7/view?usp=sharing\\ Complete the set of items. Construct the LR(1) table and answer the following questions based on your derived results.$ 1. How many items are there in the set of items Io? 2. How many items are there in the set of items I₂? 6. In the LR(1) table, which of the following do you get in the cell (I_0, a) ? O Shift 1 O Shift 2 Shift 3 Accept Reduce Error 7. In the LR(1) table, which of the following do you get in the cell $(l_1, \$)$? Shift 6 Shift 7 O Shift 8 Accept Reduce Error 8. In the LR(1) table, which of the following do you get in the cell (I_6 , a)? Shift 6 Shift 7 O Shift 8 Reduce 4 9. In the LR(1) table, which of the following cells contain Reduce 2 (R2)? ✓ (I₃, \$) [] (1₅, ;) **(17, ;)** (l_{11.};) (I₇,)) [] (l₁₁,)) 10. In the LR(1) table, which of the following do you get in the cell (I₆, L)? O4 05 10 O11 Submit You have used 2 of 2 attempts