

Quiz 5C: Context Free Grammar

CS 212 Nature of Computation

Habib University — Fall 2023

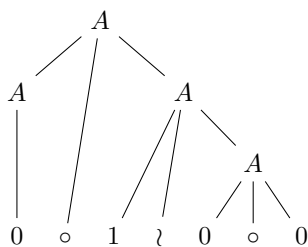
Total Marks: 10
Duration: 10 minutes

Date: September 20, 2023
Time: 830–840h

Student ID: _____

Student Name: _____

1. (10 points) Give the leftmost derivation corresponding to the parse tree below.



Solution: $A \Rightarrow A \circ A \Rightarrow 0 \circ A \Rightarrow 0 \circ 1 \wr A \Rightarrow 0 \circ 1 \wr 0 \circ 0$