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Quiz 03 (65_B_CSE228)

Time: 40 min

1. Define parse tree and syntax tree with example. Marks[5]

2. Define Ambiguous Grammar. Check whether the given grammar is ambiguous or not-

   S → AB / aaB

   A → a / Aa

   B → b

   Consider a string w generated by the given grammar- {w = aabaa} Marks [5]

3. Define CFG. Find the reduced grammar given below: Marks[5]

   S → aAa

   A →Sb|bCC|DaA

   C→ abb|DD

   E→ aC

   D→ aDA

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