MAHAKAL INSTITUTEOF TECHNOLOGY AND MANAGEMENT   
COMPUTER SCIENCE AND ENGINEERING & MCA DEPARTMENT   
   
Assignment 2   
   
SUBJECT- CD SUBJECT CODE - CS 603   
   
Date of assignment 20/02/2024 Date of Submission: On 26/02/2024   
   
1. Compare Top down & Bottom Up Parsers.   
2. Define “Ambiguous Grammar”, with proper example.   
3. Define terms “Left Recursion and Left Factorization” with respective Examples.   
4. Compare Recursive descent parser and Predictive Parser.   
5. Write Recursive descent parser for: S--> cAd, A ab/a.   
6. Define terms:   
 Parse tree   
 Sentential form   
 Sentence  Left Derivation   
 Right Derivation   
7. Explain different steps involved in construction of Predictive parsing Table. Construct   
Predictive parsing Table for following Grammar:   
E -> E + T | T   
T -> T \* F | F   
F -> (E) | id   
   
-x-   
   
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