Compiler Lab Viva 2

tcr18cs043@gectcr.ac.in Switch account

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* Required

Name: *

Navaneeth D

Roll No: *

43

E Mail: *

tcr18cs043@gectcr.ac.in

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1) Users write the programs in which language?   1 point

○ Middle-Level Language

◉ High-Level Language

○ Decimal-Format

○ Low-level Language

Clear selection

2) Which derivation is generated by the top-down parser?   1 point

○ Right-most derivation in reverse

○ Left-most derivation in reverse

○ Right-most derivation

◉ Left-most derivation

Clear selection

3) What is YACC?   1 point

Yet Another Compiler Compiler is a parser gen

4) Which is considered as the sequence of characters in a token?   1 point

○ Mexeme

◉ Lexeme

○ Pattern

○ Token generation

Clear selection

5) Which of the following component is important for semantic analysis?   1 point

○ Yacc

○ Lex

○ Symbol Table

◉ Type Checking

Clear selection

6) In the compiler, the function of using intermediate code is: 1 point

○ to improve the register allocation

○ to increase the error reporting & recovery.

○ to make semantic analysis easier.

◉ to increase the chances of re-using the machine-independent code optimizer in other compilers.

Clear selection

7) Given grammar S –> (L) | a , L –> L, S | S Which of the input recognized by   1 point
the grammar Select one:

○ ((a, a), a)

○ (a,a)

○ ((a, a,a),a)

◉ All of the above

Clear selection

8) Regular expression letter (letter | digit)* can be used to recognise set of   1 point
valid identifiers.

◉ True

○ False

Clear selection

9) What Are The Various Types Of Intermediate Code Representation?   1 point

Postfix notation, Syntax trees, Three address c

10) Define A Context Free Grammar.   1 point

Context free grammar is a formal grammar wh

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