

SPCC_Quiz_CES_2020-21

Total points 9/10 ?

The respondent's email (19313063prathamesh@viva-technology.org) was recorded on submission of this form.

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Roll No. *

38

Name *

Prathamesh Sadashiv Parab

Quiz

9 of 10 points

✓ A macro can be defined at *

1/1

- ☐ end of a program
- ☐ beginning of a program
- ☐ after initialization of program
- ☒ anywhere in a program



✓ When expression $\text{sum}=3+2$ is tokenized then what is the token category of 3 * 1/1

- ☐ Addition Operator
- ☒ Integer Literal
- ☐ Identifier
- ☐ Assignment operator



✓ Shift reduce parser are * 1/1

- ☐ May be top down or bottom up
- ☐ None of the mentioned
- ☐ Top down Parser
- ☒ Bottom Up parser



✗ Two main types of a computer software are * .../1

- ☐ windows and Mac OS
- ☒ system software and application software
- ☐ disk drive and anti virus
- ☐ LINUX and UNIX



No correct answers



✓ The process of assigning load addresses to the various parts of the program and adjusting the code and data in the program to reflect the assigned addresses is called _____. * 1/1

- ☐ Parsing
- ☐ Symbol resolution
- ☒ Relocation
- ☐ Assembly



✓ In a two-pass assembler, the task of the Pass II is to *. 1/1

- ☐ construct intermediate code.
- ☐ separate the symbol, mnemonic opcode and operand fields.
- ☐ build the symbol table.
- ☒ synthesize the target program.



✓ In a two pass assembler the object code generation is done during the ? * 1/1

- ☒ Second pass
- ☐ Zeroeth pass
- ☐ First pass
- ☐ Not done by assembler



✓ Which of the following grammar rules violate the requirements of an operator grammar? i) $P \rightarrow QR$ (ii) $P \rightarrow QsR$ (iii) $P \rightarrow \varepsilon$ (iv) $P \rightarrow QtRr$ * 1/1

- ☐ (iii) and (iv) only
- ☒ (i) and (iii) only
- ☐ (i) only
- ☐ (ii) and (iii) only



✓ A grammar that produces more than one parse tree for some sentence is called _____ * 1/1

- ☐ Regular
- ☐ None of the mentioned
- ☐ Unambiguous
- ☒ Ambiguous



✓ If a number of instructions are repeating through the main program, then to reduce the length of the program, _____ is used. * 1/1

- ☐ none of the mentioned
- ☒ macro
- ☐ subroutine
- ☐ procedure



CSC 602.5 To implement different parsers for given context free grammars. *

	1	2	3	
LOW	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	HIGH

CSC 602.2 To describe the various data structures and passes of assembler design. *

	1	2	3	
LOW	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	HIGH

CSC 602.4 To distinguish different loaders and linker and their contribution in user application. *

	1	2	3	
LOW	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	HIGH

CSC 602.1 To list the relevance of different system programs. *

	1	2	3	
LOW	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	HIGH

CSC 602.6 To design code generation and code optimization techniques. *

	1	2	3	
LOW	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	HIGH



CSC 602.3 To discuss the need for different features and designing of macros. *

	1	2	3	
LOW	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	HIGH

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CSL 602.2 To implement different databases of single pass macro processor. *

	1	2	3	
LOW	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	HIGH

CSL 602.3 To identify and validate different tokens for given high level language code. *

	1	2	3	
LOW	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	HIGH

CSL 602.4 To implement Top Down / Bottom Up Parser to parse the given input string. *

	1	2	3	
LOW	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	HIGH



CSL 602.5 To implement synthesis phase of compiler with code optimization techniques. *

	1	2	3	
LOW	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	HIGH

CSL 602.1 To implement machine code by using various databases generated in pass one of two pass assembler. *

	1	2	3	
LOW	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	HIGH

CSL 602.6 To identify various tools like LEX and YACC. *

	1	2	3	
LOW	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	HIGH

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