Question # 9 of 10 (Start time: 08:18:31 PM, 12 Apr 2023)

Which file extension is commonly used for YACC specification file?

Select the correct option

- ○ .bin
- ◉ .y
- ○ .lex

◉	.y
○	.lex
○	.bnf

What is the main characteristic of linear IRs?

Select the correct option

- ( ) They combine elements of graphical and linear representations.
- ( ) They represent the program as a graph.
- ( ) They allow for complex program structures and sophisticated analyses.
- (•) They represent the program as a linear sequence of instructions or statements.

Question # 6 of 10 (Start time: 08:16:29 PM, 18 July 2023)

Which tool uses the '$' notation to refer to values of symbols on the right-hand side of grammar productions?

Select the correct option

- (●) Bison
- ( ) YACC
- ( ) Flex
- ( ) Lex

Question # 8 of 10 (Start time: 08:17:55 PM, 18 July 2022)

It is mandatory to deliver efficient target code by lowering the number of instructions in a program.

Select the correct option

- (●) False
- ( ) True

Question # 4 of 10 (Start time: 08:14:31 PM, 18 July 2023)

What is the main characteristic of linear IRs?

Select the correct option

- They combine elements of graphical and linear representations.
- They represent the program as a graph.
- They allow for complex program structures and sophisticated analyses.
- They represent the program as a linear sequence of instructions or statements.

Question # 7 of 10 (Start time: 08:17:15 PM, 18 July 2023)

What is the advantage of adopting YACC notation in the ad-hoc scheme for semantic analysis?

Select the correct option

- ○ It simplifies the attribute dependency analysis process.
- ◉ It provides a standardized approach for attribute handling.
- ○ It ensures compatibility with existing parsing tools.

Question # 5 of 10 (Start time: 08:15:28 PM, 18 July 2023)

In the oblivious methodology of attribute grammar evaluation, what is ignored during the compilation process?

Select the correct option

- ○ Attribute design considerations
- ○ Attribute values
- ○ Attribute rules and parse tree
- ◉ Attribute dependencies

Select the correct option

○	IBM Research
○	Microsoft Research
○	Google Research
◉	AT&T Bell Laboratories

YACC was originally developed at:

Select the correct option

- ○ IBM Research
- ○ Microsoft Research
- ○ Google Research

Question # 2 of 10 (Start time: 08:13:16 PM, 18 Jul 2023)

What consideration might influence the choice of the attribute evaluation order in the oblivious methodology?

Select the correct option

- ○ Dynamic attribute dependencies
- ○ Attribute propagation rules
- ○ Syntax tree generation algorithms
- ◉ Optimization goals

Question # 1 of 10 (Start time: 08:12:28 PM, 18 July 2023)

Which two linear intermediate representations (IRs) are commonly used in modern compilers?

Select the correct option

- (●) Register-transfer language and SSA form
- ( ) Assembly code and bytecode
- ( ) High-level language and low-level language
- ( ) Stack-machine code and three-address code

Question # 3 of 10 (Start time: 08:13:54 PM, 18 July 2023)

Different compilers always use the same intermediate representation (IR) during the compilation process.

Select the correct option

- (●) False
- ( ) True