Take Home Quiz #6 (Modula-2)

Due Mar 9 at 11:59pm   **Points** 15   **Questions** 15
Available Mar 8 at 12pm - Mar 9 at 11:59pm 1 day   **Time Limit** None

This quiz was locked Mar 9 at 11:59pm.

Attempt History

	Attempt	Time	Score
LATEST	[Attempt 1](#)	21 minutes	5 out of 15

Score for this quiz: **5** out of 15
Submitted Mar 9 at 10:14pm
This attempt took 21 minutes.

Question 1   0 / 1 pts

1) A side effect of Modula-2's static and dynamic genericity is the enforcement of recompilation whenever we change the basic type of the generic module.

ou Answered   ⦿ True

orrect Answer   ◯ False

Question 2   1 / 1 pts

2) Module M does not have to export a non-local name that has been exported from a child module, i.e., immediately nested within M, before

using such a non-local name.

Correct!

  ◉ True

  ○ False

Question 3   1 / 1 pts

3) The open generic type (e.g., ARRAY OF WORD) is an example of gaining the power of abstraction and code sharing, yet losing execution time efficiency and security.

Correct!

  ◉ True

  ○ False

Question 4   0 / 1 pts

4) The visibility of any name is a necessary but not sufficient condition for being able to use such name, when applying the internal module name visibility rules.

ou Answered

  ◉ True

orrect Answer

  ○ False

Question 5   0 / 1 pts

5) A module might be called (as procedures in Pascal) from within the main program module, given it is visible.

ou Answered

   ◉ True

orrect Answer

   ○ False

Question 6   0 / 1 pts

6) Module-2's opaque types (not the open type) are essential for the import/export mechanism.

ou Answered

   ◉ True

orrect Answer

   ○ False

Question 7   0 / 1 pts

7) Although Module-2 solution of the open type forces the insecure dynamic type checking.

orrect Answer

   ○ True

ou Answered

   ◉ False

Question 8
0 / 1 pts

8) The Modula-2 Internal Modules' (IMs) name visibility mechanism gains in the direction of the language's abstraction.

ou Answered

⦿ True

orrect Answer

◯ False

Question 9
1 / 1 pts

9) Modula-2 static genericity is purely a compile-time issue, NO involvement of the run-time system at all, i.e. when executing the program code.

Correct!

⦿ True

◯ False

Question 10
0 / 1 pts

10) Modula-2 and Pascal are very suitable for the design of operating systems.

ou Answered

   ◉ True

orrect Answer

   ○ False

Question 11

1 / 1 pts

11) It is enough for an internal module to use any non-local name if such name is visible.

   ○ True

Correct!

   ◉ False

Question 12

0 / 1 pts

12) Internal modules' name visibility is NOT always by mutual consent between exporting and importing internal modules.

orrect Answer

   ○ True

ou Answered

   ◉ False

Question 13

0 / 1 pts

13) The opaque and open types are essential to build "true" ADTs.

ou Answered

⦿ True

orrect Answer

◯ False

Question 14

0 / 1 pts

14) The change of the ADT's "element-type" requires recompilation of the ADT modules in the Dynamic as well as static Genericity facilities, in Modula-2.

ou Answered

⦿ True

orrect Answer

◯ False

Question 15

1 / 1 pts

15) Modula-2 might solve the open type dynamic genericity's security loophole by simply adopting static scoping.

◯ True

Correct!

⦿ False

Quiz Score: **5** out of 15