



Primeiro Teste – 22/4/2015

Nome: _____

3. (1.0) Java supports not only *annotations* but also *meta-annotations*. What is the purpose of *meta-annotations*? Explain and provide examples.

4. (1.0) In Java it is possible to use introspection on the existing classes. What would happen if we could also use intercession? Explain the advantages and disadvantages.

5. (1.0) **Julia** is a recently proposed programming language. Julia's documentation include the following sentence:

The key point here is that Julia code is internally represented as a data structure that is accessible from the language itself.

What capabilities can we expect from that feature? Explain.

6. (2.0) The Common Lisp Object System implements the concepts of generic function, method, method combination, and effective method. Explain these concepts.

