## **Programming Language Compilation** Sample Exam Questions CSC 340 Mid-1 2<sup>nd</sup> Term 2021-2022 Studen Student Section: 9-10 Q1 (10 grades) Put a circle around the most appropriate answer for each of the following 1. Orthogonality makes a programming language good with respect to a. Readability b. Writability Reliability d. All of the above The ability to use pointers in C++, makes the language (a.) Good with respect to writability but bad with respect to reliability b. Good with respect to reliability but bad with respect to writability \* c. Good with respect to reliability and writability d. Good with respect to readability but bad with respect to reliability 3. The fact that Java checks the range of array indices, makes the language a. Good with respect to writability but bad with respect to reliability b. Good with respect to the cost of execution but bad with respect to reliability \* (c.) Good with respect to reliability but bad with respect to the cost of execution d. None of the above 4. We usually prefer to stop adding features to an existing language, and begin a new Reduce the cost of re-training programmers \* make use of the most recent development in the field of programming c. Reduce the cost of writing a program d. Increase reliability 5. Java uses a combination of compilation and interpretation to a. achieve portability and reduce the cost of translation b. reduce the cost of training programmers improve reliability and writability d. )all of the above Which of the following features make a programming language suitable for scientific applications (a.) Floating-point representations # b. Data persistency c. Low level control on hardware d. All of the above













