1) C++ was created by (full name) at Bell labs in 1979.Bjarne Stroustrup
 2) C++ has as a language design objective the position that preprocessor usage should be eliminated. Give a scenario when the preprocessor must be used in C++ since there is no way to do such within the language. It must be used to establish #include guards.
3) Briefly explain what std::cerr is.std::cerr is a global std::ostream object that writes its output to standard error.
4) Explain how one can easily determine if a C++ expression/variable is an Ivalue or an rvalue expression?It is an Ivalue if the expression result is a named variable, otherwise it is an rvalue.
5) What is the type of nullptr in C++?nullptr_t
 6) Explain how one can declare and use references (not pointers!) to references (not pointers!) in C++. One cannot. The C++ language explicit proscribes references to references.
 7) What is/are the difference(s) if any between using "struct" or "class" to define a type in C++? A struct's members are public by default and it inherits with public scope by default. A class' members are private by default and it inherits with private scope by default.
8) The presence of (i.e., you must give its proper name!) in a class makes the class an abstract class.a pure virtual function
9) All Java class inheritance would be implemented as (two words) inheritance in C++. - public, virtual
10) All Java abstract functions would be implemented as functions in C++ pure, virtual
11) Most Java enumeration types would be implemented as types in C++.enum(enumeration)
12) Before optimizing any code, one would first implement all variables inheriting from the Object class as to instances that are all dynamically allocated on the heap to make it easy to preserve the Java code's reference semantics. - pointers

13) All Java casts (initially before optimizing anything ported over to C++) would be implemented using which C++ cast operator?dynamic_cast
 14) Everything that requires or performs sorting within the C++ Standard Library relies on the operator(s) (list all that apply) to order/sort the data. - < (less than)
15) The ordering C++ uses for sorted data is not a strict total order but is a(n) (For full marks the full term written out fully must be provided –no abbreviations or acronyms.) - strict weak order
16) The presence of (i.e., you must give its proper name!) in a class makes the class an abstract class.a pure virtual function
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