University of Eloued		Third Year
Faculty of Exact Sciences		Bachelor of Physics
Physics Department	Duration: an hour	2021-2022

The Correction of English Exam

(11 pts)

I. The complete text:

In addition, as a legacy from FORTRAN 77, Fortran 90 contains features that are considered bad or unsafe programming practice, but they are not deleted in order to keep the language "backward compatible".

To remedy these problems, a small group of programmers developed the F language. This is basically a subset of Fortran 90, designed to be highly regular and reliable to use. It is much more compact than Fortran 90 (because it does not contain all of FORTRAN 77's features).

There will be a new standard soon, which will be called Fortran 2003 (even though the final international standard will not come out before late 2004). There will be new features in Fortran 2003 (such as support for exception handling, object-oriented programming, and improved interoperability with the C language), but the difference between Fortran 90/95 and Fortran 2000 will not be as large as that between FORTRAN 77 and Fortran 90.

(9 pts)

II. The translation into Arabic:

Formula translation = ترجمة الصيغة

The American Standards Association = الجمعية الأمريكية للمعايير

The America National Standards Institute = المعهد الوطني الأمريكي للمعايير

Standardised = موحدة

A standardised, portable language = لغة محمولة موحدة

Standard-conforming = المطابقة المعيارية

Format = شكل-تصميم

Unsafe programming practice = ممارسة برمجة غير آمنة

Object-oriented programming = برمجة كائنية التوجه أو برمجة كائنية المنحى أو برمجة موجهة نحو الكائنات (أو العناصر)