

**Unité d'Enseignement en Informatique
Année 2015-2016**

**Master M1 EFREI – ASI – BI
Devoir Écrit de ERP – Third Special Session September, 2016
(0h45 duration, no document allowed, no computation and/or communication tool)**

Rule: All answers must be written in English.

Exercise 1: (4 points)

- 1) What link exists between the evolution of ERP market and the two events of euro changeover and 2K bug?
- 2) What ERP make use of ABAP as programming language to develop its modules?
- 3) What language is used to develop the modules of OpenERP?
- 4) What database management system is used by OpenERP?

Exercise 2: (6 points)

An analysis of three ERP software solutions, showing which applications are integrated (I) to the central core of the ERP and which are installable modules (M), is presented below:

Application	ERP1	ERP2	ERP3
Sales	I	M	I
Purchasing		M	I
Warehouse Management	I	M	I
CRM		M	I
MRP	I	M	I
Accounting		M	M
Human Resources		M	M
CMMS	I	M	

- 1) Which of these ERP is the easiest and fastest to install? Why?
- 2) Which of these ERP is the hardest and longest to install? Why?
- 3) Which one would you recommend for a big international company? Why?