UNIVERSITY *of* LIMERICK

O L L S C O I L   L U I M N I G H

DEPARTMENT OF COMPUTER SCIENCE AND INFORMATION SYSTEMS
COLLEGE OF INFORMATICS AND ELECTRONICS

Assessment Paper

MODULE CODE: CS4011   **MODULE TITLE**: Computer Applications

TERM: Autumn Semester, 2007   **EXAM DURATION:**   2.5 hours
                                              VALUE OF EXAM: 100%
LECTURER: Dr Chris Exton

INSTRUCTIONS TO CANDIDATES:
Answer 4 questions only. (Total 100 marks)

Question 1. (25 Marks)
Briefly describe what an event driven system is and list its associated properties? Use an example as part of your answer.

Question 2. (25 Marks)
Use your knowledge of the Robocode systems to describe at least four different Robocode event types that might occur (and why) during a battle?

Question 3. (25 Marks)
What is Open Source Software? How do open source system differ to more traditional systems?

Question 4. (25 Marks)
What does the Cathedral and the Bazaar mean in terms of Open Source Software?

Question 5. (25 Marks)

Briefly describe the characteristics of Polymorphism and describe its properties? Use a small example as part of your answer.