SAMPLE 2008 Mid-semester Test SAMPLE

Time allowed: 40 minutes

This test has 3 pages and 6 questions.
Each question is worth 5 marks, for a total of 30 marks

This test is worth a maximum of ten percent (10%) of your final mark in Software Requirements and Project Management (CITS 3220) this year.

Write your answers, together with any working, directly onto the question sheet overleaf in the spaces provided. Provide brief answers of a few sentences.

Fill in your details below, but do not turn over this page until you are asked to do so

Family Name: ________________________________________________

Given Name: ________________________________________________

Student Number: _____________________________________________
Q1. What is a non-functional requirement? Give two (2) examples to illustrate your answer.

Q2. Give an example of an unverifiable requirement, and then rewrite that requirement so that it is verifiable.
Q3. Why is it important to agree the *priority* of different requirements in a software engineering project?

Q4. What is a *function point*? Give one advantage and one disadvantage of function points.
Q5. Estimating the time required to develop a software system is difficult. How might you reduce the error of such an estimate at the beginning of a project?

Q6. A company wishes to evaluate the quality of the user documentation it provides with its products. Propose two (2) ways they could measure the quality of user documentation, giving a suitable metric (measurement unit) for each.