SL Unit 1 - System Fundamentals
Quiz 1 - Rubric

Question 1			
Objectives:	1.1.5, 1.1.6, 1.2.5	Exam Reference:	Nov-14 Question 11.a.b.c

1. A business has decided to replace their current computer system with a new computer system.

   (a) Identify **three** examples of how employees, as users of the computer system, may participate in the development of the new system. [3]

   > *Award [1 mark] for each example up to [3 marks max].*
   > They may explain how the current system works;
   > They may explain how it could be improved;
   > They may provide requirements/objectives;
   > They may be involved in approving the proposed solution;
   > They may evaluate one or more prototypes;
   > They may test the system to ensure that it works as expected;
   > They will be attending the training lessons to learn how to use the new system;
   > They will be using the system;

   (b) One method of conversion from the old computer system to the new computer system is parallel running.

      (i) Define the term *parallel running*. [1]

      > Award [1 mark] for a correct definition.
      >
      > The old system continues alongside the new system for a certain period of time;

      (ii) Identify **one** other method of conversion. [1]

      > *Award [1 mark] for one method of conversion (other than parallel running) identified.*
      > Direct changeover;
      > Phased conversion;
      > Pilot conversion;

      (iii) Compare parallel running with the method of conversion identified in part (ii). [4]

(c) The data from the old computer system needs to be transferred onto the new computer system. Discuss **two** problems that may arise as a result of this data migration. [6]

Question 2

| Objectives: | 1.7 | Exam Reference: | May-14 Question 2 |

Explain what is meant by *beta testing*. [2]

Testing prior to product's full release / last stage of testing;
To see if it works properly / complete functionality / usability;
Performed by end users (not by designers);

Question 3

| Objectives: | 1.1.13 | Exam Reference: | Nov-14 Question 2 |

Identify **two** methods that can be used to prevent data loss. [2]

Award [1 mark] for each method identified up to [2 marks max].
Failover systems;
Redundancy;
Removable media;
Offsite / online storage;