Part 1

1. No.
2. Second life in an online virtual world which provides an immersive environment in which users can create a digital avatar and interact with people around the world.
3. There are currently 6.7 million accounts approx and the number of users is estimated to be 600000.
4. More than $12 million US is transacted by the residents of second life each month.
5. An avatar is a detailed virtual character of the person to represent themselves in another world.
6. Linden dollars is the virtual token used in the economy of the second life. They have so as such monetary value and are not redeemable.
7. It is an ideal platform for engaging students in creating their own learning activities, environments and experiences. It is most appealing to the gamer generations.
8. The New Media Consortium is the largest educational presence in second life, and it supports events, conferences and a wide range of projects.
9. Second Life Library 2.0 supports a wide range of projects including the reconstruction of literature, book launches and a wide range of library services delivered in the world.
10. The museum in Second Life is called Exploratorium.
11. Yes, I would use it for educational purposes.

Part 2

1. An information system is the collection of pieces working together to achieve a common goal.

2. System development life cycle is the process used to develop the systems in an orderly fashion.

3. The six steps are:

* Problem identification
* Analysis
* Design
* Development
* Testing and installation
* Maintenance and evaluation

3. Steps:

* Describe the problem
* Make a plan
* Coding
* Debugging
* Finishing the project

4. Coding means translating an algorithm into a programming language code.

5. The programmer moves by the process of compilation.

6. Debugging means running the program to fix its errors and bugs.

7. Internal testing is done by checking that the program behaves according to the testing plan.

8. The right programming language is selected on the basis of Space available, speed required, organizational resources and target application.

9. Popular Web applications include HTML (Hypertext Markup Language) and XML (Extensible markup language).

10. Yes because it is a most demanding profession and essential for running the advanced computers that will be coming in future.