1. Identify the best suited software development methodology that can be used for the following situation and explain why?

A Steel mill company want to build a system for its production management system. They cannot provide is detailed requirements because of lack of technical person. They need to build this system in a short time. They manage their management to provide manpower to collaborate with development team. Also they provide good budget for purchasing development tools.

2. Difference between prototyping and through away prototyping?

3. Suppose that you are an analyst developing a new information system to automate the sales transactions and manage inventory for each retail store in a large chain. The system would be installed at each store and would exchange data with a mainframe computer at the company’s head office. What methodology would you use? Justify your answer.

4. Suppose that you are a project manager using the waterfall development methodology on a large and complex project. Your manager has just read the latest article in Computerworld that advocates replacing the waterfall methodology with prototyping and comes to your office requesting you to switch. What do you say?