**D E P A R T M E N T O F C I V I L E N G I N E E R I N G**

**Mid-Assignment/Quiz**

**Subject: Construction Management**  **Duration:** 6 Days

**Instructor:** Dr. Engr. Muhammad Zeeshan Ahad Marks: 30

A1. Suppose you are a New Engineer hired by a construction firm. Looking at your qualification and with little experience the firm considers your services in the building construction department. The director of the firm appoints you the new construction of the house. You are assigned to prepare;

1. An activity list of a two storied building and a work breakdown structure for the Project.
2. Prepare a time line for the completion of each activity (The time taken by each activity e.g. Foundation, PCC, RCC raft).
3. Prepare a critical Path (CPM) of the project.
4. Provide the maximum time taken by the project
5. Provide which activities would have slack time.