



## Assignment (11): RC Construction Systems

The following drawing indicates roughly plan view for a multi-purpose hall consists of a group of spaces that differentiate in functions, areas and heights. The designer intends to use RC structural systems (Cast in Site/Pre-Cast). You are required to:

1. Choose the suitable structural systems for these spaces.
2. Design the main elements of these systems. You should determine the parameters of all elements.
3. Draw to scale 1:100 Detailed Plan, looking-up plan and cross section showing all systems.

