Guidance Note P5,P6 Superstucture

"A Superstructure is the building's shell, it enables the building to be water tight. The superstructure includes all the walls, roofs, windows and doors. It sits on top of the substructure (Foundations)."

Your report should explain what a superstructure is, you must make it clear that you understand the main principles such as:

1.Weather Proofing: *type of cladding, curtain walling etc.*

2.Security*: purpose of the building*

3.Sound Proofing: *Detached, attached, work space etc.*

4.Insulation : *Domestic, commercial, u values etc.*

You should then Discuss how the following components of a superstructure:

1.Walls: *Masonry,cavity walls, timber frame, concrete etc.*

2.Floors: Types of floor, finishes.

3.Roofs: *Pitched, flat, hipped, (types of coverings)*

4.Stairs: *Concrete, timber etc.*

5.Windows: *PVC, Aluminium, wood & types of glazing (k glass)*

6.Doors: PVC, Aluminium, wood etc.

You should be able to explain what affects the choice of design, for example a traditional pitched slate roof could not span the distances required for warehouse.