UNIT–III:

**Design Engineering:** Design process and design quality, design concepts, the design model.

**Creating an architectural design**: software architecture, data design, architectural styles and patterns, architectural design, conceptual model of UML, basic structural modeling, class diagrams, sequence diagrams, collaboration diagrams, use case diagrams, component diagrams.

**UNIT–III Assignment Questions**

1. Outline the dimension of Design model.
2. Explain in details about Basic Structural Modeling.