**QUESTION BANK**

**MODULE 3**

1. Draw and explain use case modelling and sequence diagram for patient information system
2. Draw and explain state diagram of a microwave oven
3. What is design pattern? Explain four essential elements of design pattern.
4. Explain the general models of open source licenses.
5. Write a short note on context model
6. Develop an object model, including a class hierarchy diagram and an aggregation diagram showing the principal components of a personal computer system and its system software.
7. Enumerate the concepts of behavioural modeling, data modeling and object modelling
8. Explain five different stages in an object oriented design process.
9. List and explain different types of system models
10. Draw and explain state diagram for a typical weather station.
11. Illustrate with a sequence diagram, cash withdraw process from an ATM.
12. Explain event driven modelling