QUESTION BANK

MODULE 2 – DESIGN AND IMPLEMENTATION

1. Write a neat block diagram and explain the phases of Rational Unified Process (RUP)

2. Explain the static workflows and six fundamental best practices in the Rational Unified Process (RUP)

3. List out all the activities of object-oriented design process.

4. Explain five different stages in an object-oriented design process.

5. What is sequence model? Write the diagram for sequence model of operation in collecting data from a weather station and explain.

6. Illustrate how design models are the bridge between the system requirements and the implementation of a system. Draw a sequence diagram describing data collection of weather information systems and state diagram for the weather station

7. What is design pattern? Explain four essential elements of design pattern.

8. Discuss the implementation issues in software engineering.

9. Discuss Open source development and explain the general models of open source licenses.