QUESTION BANK

MODULE 3 – SOFTWARE EVOLUTION

1. With appropriate block diagram, explain the software evolution process. (6)

2. Define "program evolution dynamics". Discuss the Lehman's Law for program evolution dynamics. (8)

3. What is software maintenance? Explain three different types of software maintenance(4)

4. Write a note on maintenance prediction. (6)

5. Explain the software reengineering process with suitable diagram. State the activities of reengineering process (6)

6. Explain preventative maintenance by refactoring (6)

7. Draw a chart showing relative business value and system quality of legacy system management and explain four clusters of systems. (6)

8. Explain the four strategic options of legacy system management (4)

9. Explain the factors considered during the environment assessment of legacy system management. (6)

10. Explain the factors considered to assess technical quality of an application system of legacy system management. (6)