Part – B – 4 Marks

1. Write down the characteristics of good software design.
2. How Archetypes create an impact in architectural design? Justify.
3. Write short notes on Data Tree in Web Application Design.
4. Explain the various strategies of software design concepts.
5. What do you meant by cohesion? Write the importance in design.
6. Write any four principles of component level design.
7. What is pair programming? Mention its advantages
8. Write short notes on peers review with examples.
9. Write down the various reviews conducted to ensure quality control.
10. Describe about the dimensions of the design model with respect to the different elements.
11. **What are the steps required to establish the groundwork for an understanding of module coding design?**
12. **Write four important design levels of the software design models.**
13. Write about the coding standards implemented on software construction.
14. Give an overview of Automatic Code Generation.
15. Explain the different software design methods
16. What is the need for pattern oriented design and list out any four kind of patterns
17. What are the steps involved in software Design life cycle management

Part – C

1. Describe in detail the various software design concepts and Software Design Process

2. Elucidate in detail the Architectural Design., Styles of Architectural Design

3. Discuss in detail the component level design.

4.Explain the various aspects involved in Coding Standards.

5.Describe the following:

(i) Coding Method, Pair Programming

6. Describe in detail about Test Driven Development

7. What is coupling and cohesion , explain any four types of coupling and cohesion techniques

8. Concept of software code reuse

9. Detail about software coding strategies

10. Different code/work product review methods in detail

11. Coding methodology and types of coding methods

12. User Interface design characteristics , principles , golden rules etc