

**D.K.M. COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE-1****SEMESTER EXAMINATIONS****APRIL - 2018****15CCA6C / 15CCS6C****SOFTWARE ENGINEERING****Time : 3 Hours****Max. Marks : 75****SECTION – A (10 x 2 = 20)****Answer ALL the questions.**

1. Define Software Engineering.
2. What is a Trivial Project?
3. Define COCOMO.
4. Define Software Requirements.
5. List out various Software Cost Estimation Techniques.
6. Mention the two differences between a Structure Chart and a Flow Chart.
7. What are Mixed Mode Operations?
8. What are Type Less Languages?
9. Define Acceptance Testing.
10. Define Types Checking.

**SECTION – B (5 x 5 = 25)****Answer any FIVE of the following questions.**

11. Explain the Phased - Life Cycle Model of a Software.
12. Brief about the different Programming Team Structures.
13. Write a note on Delphi Cost Estimation Technique.
14. Explain the different types of Coupling and Cohesion.
15. Explain Data Flow Diagram with an example.
16. Explain any five Guidelines for a Good Coding Style.
17. Briefly explain about Walkthroughs and Inspections.
18. Give a brief explanation of Integration Testing.

**SECTION – C (3 x 10 = 30)****Answer ALL the questions.**

19. (a) Discuss the factors that influence Quality and Productivity of a Software.  
(Or)  
(b) Explain in detail about Planning a Software Project with Development Process.
20. (a) Discuss the Fundamental Design Concepts for Software.  
(Or)  
(b) Briefly discuss the different types of Design Techniques.
21. (a) Explain the Several Structured Coding Techniques.  
(Or)  
(b) Describe the Managerial Aspects of Software Maintenance.