

MGKVP University Question Paper
B.C.A. Examination, 2016
Fourth Semester
Third Paper
(Software Engineering)
MGKVPonline.com

Time : Three Hours

Maximum Marks : 75

Note: Attempt any five Questions. All questions carry equal marks.

Note The answers to short questions should not exceed 200 words and the answers to long question should not exceed 500 words.

1. Discuss clearly, the different phases in the software development process. Explain how the total effort is distributed over the different phases. (15)
2. What is the need for formulating a quality SRS? Discuss in detail. What are the basic issues that a SRS must address? (15)
3. Draw the labelled DFD and specify the data dictionary for any practical system, Explain the working of the system in detail, on the basis of the Data Flow Diagram. (15)
4. What do you mean by function oriented Design? Discuss the Top- down and Bottom-up modular design approach. (15)
5. Write short notes on : (5+5+5)
 - (a) Structured Design approach
 - (b) Coupling and cohesion
 - (c) Object Oriented Design
6. State the relationship between Design and Implementation. What are the core activities and issues to be considered during the Implementation phase? (15)
7. What are CASE methodologies? Comment on their advantages and disadvantages. (15)
8. Explain with examples the process of software configuration management. (15)
9. What do you understand by the process of maintenance of software? State the reasons behind maintenance activity. State and discuss the different types of maintenance. (15)
