



DRAVIDIAN UNIVERSITY
DIRECTORATE OF DISTANCE EDUCATION (DDE)
KUPPAM-157426

MODEL QUESTION PAPER FOR ASSIGNMENT
(M.C.A. II year)-2nd set

Paper-I Software Engineering

Answer any three questions

3x10=30

1. ?Explain the RAD Model
2. Discuss the systems Engineering Hierarchy?
3. Explain the Quality guidelines and Quality attributes?
4. Explain the Basis path Testing.
5. Write about Architectural Metrics?

Paper-II Programming with JAVA

Answer any three questions

3x10=30

1. What us a string class? Discuss the methods of the string class?
2. Write about for statement and do... while statement with examples?
3. Discuss the class Hierarchies with examples.
4. What is interface? Discuss the properties of interfaces?
5. Explain the life cycle of an applet?

Paper-III Computer Networks

Answer any three questions

3x10=30

1. ?Discuss the network Topologies
2. Explain briefly about centralized Access and Distributes Access?
3. Write about Hierarchical naming?
4. Explain about FTP, TFTP and HTTP?
5. Write briefly about firewalls, IP security and web security.

Paper-IV Computer Algorithms

Answer any three questions

3x10=30

1. Write about Union and fixed operations on disjoint sets?
2. Discuss how Greeding method is used to solve Knaprack problem?
 1. Explain how dynamic programming Technique is used to solve 0/1 Knapsack problem
 2. Write about breadth first search and traversal for graphs?
 3. Discuss the FIFO Branch –and – Bound solution to 0/1 Knapsack problem.

Paper-V Distributed operating systems

Answer any three questions

3x10=30

1. Discuss the design Issues in building a distribution operating systems?
2. What is remote procedure call? Explain in detail.
3. Write about the Bully Algorithm?
4. Discuss briefly about systems models?
5. Write about distributed file systems implementation?

Paper-VI Computer Graphics

Answer any three questions

3x10=30

1. Discuss about scan-Converting a line and a circle?
2. Write about the following?
 - a). Geometric Transformations
 - b). Coordinate Transformations
3. Explain about three- Dimensional Viewing?
4. Discuss about the problem of interpolation?
5. Write about the painter's Algorithm?

Paper-VII e-Commerce

Answer any three questions

3x10=30

1. Write about B2C and B2B E-business models?
2. Discuss about E-Business Risk management issues?
3. Explain about classification of new e-payment systems?
4. Write about E-supply chain Architecture?
5. What is mobile commerce? Explain.