

Set-II



DRAVIDIAN UNIVERSITY

Directorate of Distance Education (DDE)

KUPPAM – 517 426:: A.P.

COURSE: II YEAR MCA

PAPER-I Software Engineering


QUESTION PAPER FOR ASSIGNMENT

Answer any **THREE** of the following **FIVE** Questions.

3x10=30

1. Explain the generic process framework in detail.
2. Explain the system engineering Hierarchy.
3. Explain various design concepts.
4. Write about Black-box Testing and White –box Testing.
5. Discuss the metrics for Design model.

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PAPER-II Programming with Java
QUESTION PAPER FOR ASSIGNMENT

Answer any **THREE** of the following **FIVE** Questions.

3x10=30

1. Discuss any five string methods.
2. Explain the for statement with an example.
3. Discuss different forms of inheritance.
4. Explain the collection interface.
5. Discuss the Applet life cycle.

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PAPER-III Computer Networking

QUESTION PAPER FOR ASSIGNMENT

Answer any **THREE** of the following **FIVE** Questions.

3x10=30

1. Discuss the Network topologies.
2. Write about centralized Access and Distributed access.
3. Explain Hierarchical naming.
4. Write about File Transfer protocol and Electronic mail.
5. Discuss encryption and Decryption.

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PAPER-IV Computer Algorithms

QUESTION PAPER FOR ASSIGNMENT

Answer any **THREE** of the following **FIVE** Questions.

3x10=30

1. What is stack? Write algorithms to add an item to a stack and delete an item from a stack.
2. Write an algorithm to solve Knapsack problem using Greedy method.
3. Write an algorithm for all-pairs shortest paths problem using dynamic programming.
4. Write an algorithm to solve NQueens problem using Backtracking strategy.
5. Explain the Least Cost (LC) branch –and-bound solution for Travelling Salesperson problem with an example.

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PAPER-V: Distributed Operating System

QUESTION PAPER FOR ASSIGNMENT

Answer any **THREE** of the following **FIVE** Questions.

3x10=30

1. Explain the advantages of distributed systems over centralized systems.
2. Write briefly about Asynchronous Transfer mode networks.
3. Discuss Mutual Exclusion.
4. Discuss system models.
5. Write about Distributed File System implementation.



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PAPER-VI: Computer Graphics

QUESTION PAPER FOR ASSIGNMENT

Answer any **THREE** of the following **FIVE** Questions.

3x10=30

1. Discuss about Scan- Converting a Line.
2. Write about Line Clipping.
3. Explain briefly about Parallel projection.
4. Write about Curved- Surface Design.
5. Explain Scan- Line algorithm.

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PAPER-VII: E- Commerce

QUESTION PAPER FOR ASSIGNMENT

Answer any **THREE** of the following **FIVE** Questions.

3x10=30

1. Write briefly about the enabling technologies of WWW.
2. Explain the Firewall concept and Firewall components.
3. Discuss the properties of E-cash.
4. Discuss the benefits of E-SCM.
5. Explain briefly the technologies of Mobile Commerce.

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PAPER-VIII: Probability and Statistics
QUESTION PAPER FOR ASSIGNMENT

Answer any **THREE** of the following **FIVE** Questions.

3x10=30

1. Explain the Frequency Distribution with an example.
2. Explain the Hyper geometric Distribution.
3. Write briefly about estimation of Variances.
4. Discuss the general principles of Analysis of Variance.
5. Write about the Exponential Model in Reliability.