

TAMIL NADU OPEN UNIVERSITY

School of Computer Science

SPOT ASSIGNMENT- (AY 2018-19)

NOTE: Part A Contains 3 Questions and will carry 5 Marks each, Part B Contains 1 Question and will carry 10 Marks. Students are requested to write 150 words and should not exceed 2 pages each in Part A, 300 words and should not exceed 4 pages in Part B.

Post Graduate Diploma in Software Quality Management

Course Code: PGDSM-01

Course Title: Fundamentals of Information Technology

(Total Marks=25)

Part- A- Short Answer Questions

Answer all questions

(3 X 5 = 15 Marks)

1. Explain application software.
2. Explain the function of operating system.
3. What are Gateways?

Part- B- Long Answer Question

Answer the following question

(1 X 10 = 10 Marks)

4. Explain the components of Network.

(OR)

5. Discuss in detail about web pages and HTML.

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Post Graduate Diploma in Software Quality Management

Course Code: PGDSM-02

Course Title: Data Structures through C

(Total Marks=25)

Part- A- Short Answer Questions

Answer all questions

(3 X 5 = 15 Marks)

1. Explain the Control structures in C
2. Write a short note on circular list.
3. Explain the Merge sort.

Part- B- Long Answer Question

Answer the following question

(1 X 10 = 10 Marks)

4. Describe in detail about DFS and BFS.

Or

5. Explain Quick sort with an example.

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Post Graduate Diploma in Software Quality Management

Course Code: PGDSM-03

Course Title: Introduction to Database Management Systems

(Total Marks=25)

Part- A- Short Answer Questions

Answer all questions

(3 X 5 = 15 Marks)

1. Write a short note on Hierarchical Model.
2. Explain about Anomalies in database
3. Compare RDBMS with OODBMS

Part- B- Long Answer Question

Answer the following question

(1 X 10 = 10 Marks)

4. Describe in detail about the file organization and method of File organization.

(OR).

5. Define Normalization. Explain the types with example.

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Post Graduate Diploma in Software Quality Management

Course Code: PGDSM-04

Course Title: Introduction to Software Engineering

(Total Marks=25)

Part- A- Short Answer Questions

Answer all questions

(3 X 5 = 15 Marks)

1. Write a short note on Black box testing.
2. Explain briefly about the Risk Management.
3. Explain software process Models

Part- B- Long Answer Question

Answer the following question

(1 X 10 = 10 Marks)

4. Explain about software quality Assurance concepts.

Or

5. What are the types of testing? Explain any two types in detail?

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Post Graduate Diploma in Software Quality Management

First Year

Course Code: PGDSM-05

Course Title: Software Testing

(Total Marks=25)

Part- A- Short Answer Questions

Answer all questions

(3 X 5 = 15 Marks)

1. Explain Software Quality Factors?
2. Explain the Objectives of Testing?
3. What is Load Test?

Part- B- Long Answer Question

Answer the following question

(1 X 10 = 10 Marks)

4. Explain the advantages of Automated Test.

(OR)

5. Explain the V Model.

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Post Graduate Diploma in Software Quality Management

Course Code: PGDSM-06

Course Title: Software Quality Management

(Total Marks=25)

Part- A- Short Answer Questions

Answer all questions

(3 X 5 = 15 Marks)

1. Explain about Quality Assurance concept?
2. What is Software Process management?
3. Explain about Inspection and Walkthrough?

Part- B- Long Answer Question

Answer the following question

(1 X 10 = 10 Marks)

4. Explain about ISO- 9000.

(OR)

5. Explain about Zero Defect Software Development.