

TAMIL NADU OPEN UNIVERSITY

School Of Computer Science

SPOT ASSIGNMENT- (AY 2012-2013)

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

First Year

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. Illustrate the functions of operating system.
2. Explain the components of networks.
3. Explain in detail about gateways.

Part- B- Long Answer Question

Answer the following question

(1 X 10 = 10 Marks)

4. Describe briefly history of computers.

.(OR)

5. Explain in detail about repeaters and routers.

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SPOT ASSIGNMENT- (CY 2019)

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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. What is a singly linked list? Explain.
2. What is a preprocessor directive? Explain.
3. What is a Tree? Explain.

Part- B- Long Answer Question

Answer the following question

(1 X 10 = 10 Marks)

4. Explain the operators in C with example.

Or

5. Describe the Breadth First search.

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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. Explain the evaluation of DBMS.
2. Explain the various normalization techniques.
3. What is meant by conversion in DBMS?

Part- B- Long Answer Question

Answer the following question

(1 X 10 = 10 Marks)

4. Explain the design of distributed database.

OR.

5. Describe the types of SQL commands in detail.

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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. Explain the characteristics and components of Software in detail.
2. Discuss the various scheduling methods of a software project.
3. Explain about Block Box testing.

Part- B- Long Answer Question

Answer the following question

(1 X 10 = 10 Marks)

4. Describe the concept of COCOMO model.

Or

5. Explain the steps involved in Software configuration management.

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Post Graduate Diploma in Software Quality Management

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. Discuss the software Quality factors.
2. Explain the V-model testing techniques.
3. Discuss the alpha and beta testing.

Part- B- Long Answer Question

Answer the following question

(1 X 10 = 10 Marks)

4. Describe the software Quality architecture.

(OR)

5. Describe the human issues and challenges in testing.

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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-06

Course Title: Software Quality Management

(Total Marks=25)

Part- A- Short Answer Questions

Answer all questions

(3 X 5 = 15 Marks)

1. What is meant by ISO 9000 series? Explain.
2. What is a P-CMM? Explain in detail.
3. Explain the software quality assurance models in detail.

Part- B- Long Answer Question

Answer the following question

(1 X 10 = 10 Marks)

4. Explain the software testing method for TQM.

(OR)

5. Discuss about the CMM and SPICE in detail.