

TAMIL NADU OPEN UNIVERSITY

School of Computer Science

SPOT ASSIGNMENT- AY 2018 - 2019

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.

Diploma in Databases

Course Code: DDB-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 the functions of operating system.
2. Explain the role of gateways in the network.
3. Explain about System Software Utilities.

Part- B- Long Answer Question

Answer the following question

(1 X 10 = 10 Marks)

1. Explain the Components of Network.

(OR)

2. Explain the Problems on the Internet

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Diploma in Databases

Course Code: DDB -02

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)

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

OR

2. Define Normalization. Explain the types with example.

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Diploma in Databases

Course Code: DDB -03

Course Title: Oracle

(Total Marks=25)

Part- A- Short Answer Questions

Answer all questions

(3 X 5 = 15 Marks)

1. Write short notes on SQL.
2. Write short notes on atomic data model.
3. Explain the Structure of an Object.

Part- B- Long Answer Question

Answer the following question

(1 X 10 = 10 Marks)

1. Explain in detail about DML command with examples.

(OR)

2. Explain in detail about the important features of PL/SQ.

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Diploma in Databases

Course Code: DDB -04

Course Title: Web Databases

(Total Marks=25)

Part- A- Short Answer Questions

Answer all questions

(3 X 5 = 15 Marks)

1. How to create tables in HTML documents? Explain.
2. Explain the structure of HTML program.
3. Explain About XML Documents.

Part- B- Long Answer Question

Answer the following question

(1 X 10 = 10 Marks)

1. Explain in detail about Geographic Information Systems.
- (OR)
2. Discuss in detail about Genome Data Management.

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Diploma in Databases

Course Code DDB -05

Course Title: Database Administration

(Total Marks=25)

Part- A- Short Answer Questions

Answer all questions

(3 X 5 = 15 Marks)

1. Explain the concept of backup and recovery.
2. Explain briefly the role of Database Analyst.
3. Explain various types of recovery in detail.

Part- B- Long Answer Question

Answer the following question

(1 X 10 = 10 Marks)

1. Discuss in detail about types of privileges.

(OR)

2. Explain about the Database Security.