

TAMIL NADU OPEN UNIVERSITY

School of Computer Science

SPOT ASSIGNMENT

NOTE : Part A Contains 3 Questions and will carry 5 Marks each, Part B Contain 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 Cloud Computing- DCC

Course Code: DCC- 01

Course Title: Web Application Development

(Total Marks=25)

Part- A- Short Answer Questions

Answer all questions

(3 X 5 = 15 Marks)

1. What is AJAX? Explain its applications.
2. Write a note on Java server pages.
3. Explain about the internet standards.

Part- B- Long Answer Question

Answer the following question

(1 X 10 = 10 Marks)

4. a) Describe about Google web toolkit libraries.
(OR)
b) Describe about the three tier applications.

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Diploma in Cloud Computing- DCC

Course Code: DCC-02

Course Title: Cloud Architecture

(Total Marks=25)

Part- A- Short Answer Questions

Answer all questions

(3 X 5 = 15 Marks)

1. What is cloud computing? Explain about private cloud.
2. Explain about the Azure application development environments.
3. What are all the technologies used to manage cloud service deployment.

Part- B- Long Answer Question

Answer the following question

(1 X 10 = 10 Marks)

4. a) Explain about the public Cloud in detail.

(OR)

- b) Explain the security of services deployed from the cloud.

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Diploma in Cloud Computing- DCC

Course Code: DCC-03

Course Title: Cloud Storage Infrastructure

(Total Marks=25)

Part- A- Short Answer Questions

Answer all questions

(3 X 5 = 15 Marks)

1. What are the two types of SAN? & Explain.
2. Give an account on EU regulations on cloud computing.
3. Compare SAN over IP.

Part- B- Long Answer Question

Answer the following question

(1 X 10 = 10 Marks)

4. a) State the importance of data quality and governance.

(OR)

- b) Explain the characteristics of PAAS with an example.

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Diploma in Cloud Computing- DCC

Course Code: DCC-04

Course Title: Data Centre Networking

(Total Marks=25)

Part- A- Short Answer Questions

Answer all questions

(3 X 5 = 15 Marks)

1. Explain the BNC Interface.
2. What is RSTP? Explain in detail.
3. Give an account on I/O Serial port.

Part- B- Long Answer Questions

Answer the following question

(1 X 10 = 10 Marks)

4. a) Explain the Modified Hello Protocol.

(OR)

- b) Illustrate the Priority-Based Flow Control: IEEE 802.1Qbb

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Diploma in Cloud Computing- DCC

Course Code : DCC-05

Course Title: Cloud Security

(Total Marks=25)

Part- A- Short Answer Questions

Answer all questions

(3 X 5 = 15 Marks)

1. Discuss Hypervisor level Isolation in detail.
2. How to implement the security policy using a system sandbox.
3. What is open SSL? Explain.

Part- B- Long Answer Question

Answer the following question

(1 X 10 = 10 Marks)

4. (a) Explain about Cryptography in detail.

(OR)

- (b) Explain about the cloud services and virtualization in detail.