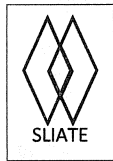


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SLIATE

SRI LANKA INSTITUTE OF ADVANCED TECHNOLOGICAL EDUCATION

(Established in the Ministry of Higher Education, vide in Act No. 29 of 1995)

**Higher National Diploma in Information Technology
Second Year, Second Semester Examination – 2016
HNDIT2424- Database Administration**

Instructions:

Answer any five questions.

All questions carry equal marks

No. of questions : 06

No. of pages : 02

Time : Three hours

Q1)

- I. What is the usage of Replication? [4 Marks]
- II. Describe different types of replication [6 Marks]
- III. Explain different replication agents and their function? [6 marks]
- IV. Describe the distributor in “Replication”? [4 marks]

[Total 20 marks]

Q2)

- I. What is meant by multi-server administration? [4 Marks]
- II. Describe SQL Server Agent Proxy. [4 marks]
- III. List out 3 number of SQL Server Agent Proxies [6 Marks]
- IV. Describe 2 no. of SQL Server Agent system stored procedures and their associated purpose? [6 Marks]

[Total 20 marks]

Q3)

- I. Describe different types of database recovery models used for database backups [6 Marks]
- II. Explain limitations in database restoring process [6 Marks]

- III. Describe permission required to perform backup [4 Marks]
- IV. Explain the functions associated with automated restore process [4 Marks]
- [Total 20 marks]**

Q4)

- I. What is meant by Dynamic management views? [4 Marks]
- II. Describe difference between global and local temp tables? [6 Marks]
- III. Explain purpose of clustered index? [6 Marks]
- IV. Describe the difference between truncate and delete? [4 Marks]
- [Total 20 marks]**

Q5)

- I. What is meant by Guest user account? [4 Marks]
- II. Describe options are available to audit login activity? [6 Marks]
- III. List 3 number of the features that the SQL Server built-in function LOGINPROPERTY performs on standard logins [6 Marks]
- IV. Explain the pros and cons of not dropping the SQL Server BUILTIN\Administrators Group? [4 Marks]
- [Total 20 marks]**

Q6)

- I. Describe properties of the Relational tables [6 Marks]
- II. Explain the usage of query execution plan? [4 Marks]
- III. Explain the advantages of using Stored Procedures? [6 Marks]
- IV. Describe advantages of using an execution plan [4 Marks]
- [Total 20 marks]**