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**TH-7023-Sem1-Data Management with
SQL Server's report**

Submitted on Feb 28 2022 13:46:10 IST

**11.0 (55%)**

scored out of 20

**Passed**

in the assignment (Cut-off score 40%)

**16**

problems attempted out of 16

Test time analysis

**15m 33s**

time taken for completion

**Feb 26 2022 10:07:23 IST**

test invite time

**Feb 28 2022 13:30:36 IST**

test start time

**Feb 28 2022 13:46:10 IST**

test end time

Performance summary

**8**

solutions accepted

**8**

solutions rejected

Solutions

Problem Name	Problem Type	Status	Score
VIntelligent Data Management with SQL Server	MCQ	ACCEPTED	1.0 / 1
VIntelligent Data Management with SQL Server	MCQ	ACCEPTED	1.0 / 1
VIntelligent Data Management with SQL Server	MCQ	REJECTED	0.0 / 1
VIntelligent Data Management with SQL Server	MCQ	ACCEPTED	1.0 / 1
VIntelligent Data Management with SQL Server	MCQ	ACCEPTED	1.0 / 1
VIntelligent Data Management with SQL Server	MCQ	ACCEPTED	1.0 / 1
VIntelligent Data Management with SQL Server	MCQ	REJECTED	0.0 / 1
VIntelligent Data Management with SQL Server	MCQ	REJECTED	0.0 / 1
VIntelligent Data Management with SQL Server	MCQ	REJECTED	0.0 / 1
VIntelligent Data Management with SQL Server	MCQ	REJECTED	0.0 / 1
VIntelligent Data Management with SQL Server	MCQ	REJECTED	0.0 / 1
VIntelligent Data Management with SQL Server	MCQ	REJECTED	0.0 / 1
VIntelligent Data Management with SQL Server	MCQ	REJECTED	0.0 / 2

Problem Name	Problem Type	Status	Score
VIntelligent Data Management with SQL Server	MCQ	ACCEPTED	2.0 / 2
VIntelligent Data Management with SQL Server	MCQ	ACCEPTED	2.0 / 2
VIntelligent Data Management with SQL Server	MCQ	ACCEPTED	2.0 / 2

Detailed Report

Problem 1 : VIntelligent Data Management with SQL Server

MCQ

SCORE: 1

The _____ statement is not supported by SQL Azure due to which the user cannot switch between databases in SQL Azure.

Solution

ACCEPTED

SCORE: 1.0 / 1

UPDATE	
CANDIDATE'S ANSWER	CORRECT ANSWER
USE	
INSERT	
ALTER	

Problem 2 : VIntelligent Data Management with SQL Server

MCQ

SCORE: 1

There are many logical database components. You can use _____ to enforce the uniqueness of rows in a table.

Solution

ACCEPTED

SCORE: 1.0 / 1

Function	
Stored procedure	
View	
CANDIDATE'S ANSWER	CORRECT ANSWER
Index	

Problem 3 : VIntelligent Data Management with SQL Server

MCQ

SCORE: 1

_____ is used only with SELECT statement to specify a search condition for a group.

Solution

REJECTED

SCORE: 0.0 / 1

HAVING	CORRECT ANSWER
GROUP BY	
CANDIDATE'S ANSWER WHERE	
LIKE	

Problem 4 : VIntelligent Data Management with SQL Server

MCQ

SCORE: 1

The primary default filegroup can be changed using the _____ statement.

Solution

ACCEPTED

SCORE: 1.0 / 1

CHANGE DATABASE	
CANDIDATE'S ANSWER	CORRECT ANSWER
ALTER DATABASE	
MODIFY DATABASE	
DELETE DATABASE	

Problem 5 : VIntelligent Data Management with SQL Server

MCQ

SCORE: 1

The wildcard character _____ displays any single character not within the range enclosed in the brackets of the expression.

Solution

ACCEPTED

SCORE: 1.0 / 1

--	
%	
[]	
CANDIDATE'S ANSWER	CORRECT ANSWER
[^]	

Problem 6 : VIntelligent Data Management with SQL Server

MCQ

SCORE: 1

You can determine the number of summary rows in the result set by using _____ clause.

Solution

ACCEPTED

SCORE: 1.0 / 1

WHERE	
SELECT	
CANDIDATE'S ANSWER	CORRECT ANSWER
GROUP BY	
SELECT with WHERE	

Problem 7 : VIntelligent Data Management with SQL Server

MCQ

SCORE: 1

_____ is an open source container orchestration platform that automates many of the manual processes involved in deploying, managing, and scaling containerized applications.

Solution

REJECTED

SCORE: 0.0 / 1

Kubernetes	CORRECT ANSWER
Spark	
Hadoop Distributed File System	
CANDIDATE'S ANSWER	
SQL Server	

Problem 8 : VIntelligent Data Management with SQL Server

MCQ

SCORE: 1

Vulnerability Assessment is a _____ service built into Azure SQL Database.

Solution

REJECTED

SCORE: 0.0 / 1

CANDIDATE'S ANSWER

Visibility

Error Identification

Scanning

CORRECT ANSWER

Security

Problem 9 : VIntelligent Data Management with SQL Server

MCQ

SCORE: 1

Identify the instances where run-time errors occur.

Solution

REJECTED

SCORE: 0.0 / 1

CANDIDATE'S ANSWER	CORRECT ANSWER
Performing a calculation such as division by 0	
Trying to execute code that is not defined clearly	CORRECT ANSWER
Performing a calculation such as multiplication with zero	
Keyword is used in a wrong way	

Problem 10 : VIntelligent Data Management with SQL Server

MCQ

SCORE: 1

What are the type of errors that occur when code cannot be parsed by SQL Server?

Solution

REJECTED

SCORE: 0.0 / 1

CORRECT ANSWER

Syntax Errors

CANDIDATE'S ANSWER

Transact Error

Information Error

Run-time Error

Problem 11 : VIntelligent Data Management with SQL Server

MCQ

SCORE: 1

_____ marks an end of a successful implicit or explicit transaction.

Solution

REJECTED

SCORE: 0.0 / 1

BEGIN TRANSACTION	
COMMIT TRANSACTION	CORRECT ANSWER
FIRST TRANSACTION	
CANDIDATE'S ANSWER	
LAST TRANSACTION	

Problem 12 : VIntelligent Data Management with SQL Server

MCQ

SCORE: 1

Identify the properties of logical unit of work.

Solution

REJECTED

SCORE: 0.0 / 1

Atomicity	CORRECT ANSWER
CANDIDATE'S ANSWER Consistency	CORRECT ANSWER
CANDIDATE'S ANSWER Efficiency	
Durability	CORRECT ANSWER

Problem 13 : VIntelligent Data Management with SQL Server

MCQ

SCORE: 2

Identify the characteristics of Data Lake.

Solution

REJECTED

SCORE: 0.0 / 2

Acts as a storage repository	CORRECT ANSWER
Stores the data in duplicate form	
CANDIDATE'S ANSWER	CORRECT ANSWER
Used to store big data	
CANDIDATE'S ANSWER	CORRECT ANSWER
Stores the data in native form	

Problem 14 : VIntelligent Data Management with SQL Server

MCQ

SCORE: 2

What does msg_str state in the following syntax?

```
RAISERROR ( { msg_id | msg_str | @local_variable }
           { ,severity,state }
```

```
[ ,argument [ ,...n ] ] )
```

[WITH

```
option [ ,...n ] ]
```

Solution

ACCEPTED

SCORE: 2.0 / 2

Specifies the user-defined error message number that is stored in the sys.messages catalog view using the sp_addmessage.

CANDIDATE'S ANSWER

Specifies the user-defined messages with formatting. msg_str is a string of characters with optional embedded conversion specifications.

CORRECT ANSWER

Specifies an integer that defines the minimum width for the field in which the argument value is placed.

Specifies the code that determines the spacing and justification of the substituted value.

Problem 15 : VIntelligent Data Management with SQL Server

MCQ

SCORE: 2

Which of the following code snippets creates a table using the NULL and NOT NULL keywords with column definitions?

Solution

ACCEPTED

SCORE: 2.0 / 2

```
CREATE TABLE BookDetails ( BookID int, Name varchar(40) )
```

```
CREATE BookDetails ( BookID int NOT NULL, Name varchar(40) NULL)
```

```
CREATE TABLE BookDetails ( BookID int NULL; Name varchar(40) NULL)
```

CANDIDATE'S ANSWER

```
CREATE TABLE BookDetails ( BookID int NOT NULL, Name varchar(40) NULL)
```

CORRECT ANSWER

Problem 16 : VIntelligent Data Management with SQL Server

MCQ

SCORE: 2

Which of the following code snippets creates a CHECK constraint to ensure that the Amount value will always be non-zero?

Solution

ACCEPTED

SCORE: 2.0 / 2

```
CREATE TABLE EMP_PhoneExpenses ( Expense_ID int PRIMARY KEY, MobileNumber bigint  
FOREIGN KEY REFERENCES EMP_ContactPhone (MobileNumber), Amount bigint )
```

```
CREATE TABLE EMP_PhoneExpenses ( Expense_ID int PRIMARY KEY, MobileNumber bigint  
FOREIGN KEY REFERENCES EMP_ContactPhone (MobileNumber), Amount bigint NO CHECK  
(Amount >10))
```

```
CREATE TABLE EMP_PhoneExpenses ( Expense_ID int PRIMARY KEY, MobileNumber bigint  
FOREIGN KEY REFERENCES EMP_ContactPhone (MobileNumber), Amount bigint (Amount >10))
```

CANDIDATE'S ANSWER

CORRECT ANSWER

```
CREATE TABLE EMP_PhoneExpenses ( Expense_ID int PRIMARY KEY, MobileNumber bigint  
FOREIGN KEY REFERENCES EMP_ContactPhone (MobileNumber), Amount bigint CHECK (Amount  
>10))
```