**SSIS EXAM**

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| If you need to read 3 flat files in your SSIS package and 2 of the flat files have the same file format, how many flat file connections would you need to add to your package? | **My Answer:** |

|  |  |
| --- | --- |
|  |  |
|  | 1 |
|  |  |
|  | 2 |
|  |  |
|  | 3 |
|  |  |
|  | 4 |
|  |  |

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| SSIS can perform asynchronous and parallel execution on which of the following? | **My Answer:** |

|  |  |
| --- | --- |
|  |  |
|  | Packages |
|  |  |
|  | Tasks |
|  |  |
|  | Transformation |
|  |  |
|  | A and B |
|  |  |
|  | A, B, and C |
|  |  |

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| What are the 2 types of variables in SSIS? | **My Answer:** |

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|  |  |
|  | System and User-defined Variables |
|  |  |
|  | Scope and Integration Variables |
|  |  |
|  | Global and Local Variables |
|  |  |
|  | Package and User Variables |
|  |  |

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| Which of the following statements about adding a variable to a SSIS package is TRUE? | **My Answer:** |

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|  |  |
|  | The names must be unique. |
|  |  |
|  | The name and namespace must be unique. |
|  |  |
|  | The name and namespace are not case-sensitive. |
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| If you wanted to add a new SQL table to a SQL 2005 Server Database and then move data from an Oracle table to this new SQL 2005 Server table, which of the following control flow items is necessary? | **My Answer:** |

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|  |  |
|  | Execute Package Task and Execute SQL Task |
|  |  |
|  | Execute SQL Task and Transfer Database Task |
|  |  |
|  | Execute SQL Task and Data Flow Task |
|  |  |
|  | Data Flow Task and Bulk Insert Task |
|  |  |

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| Which of the following configuration types has the property path stored externally from the package and allows for indirect configuration? | **My Answer:** |

|  |  |
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|  |  |
|  | Registry |
|  |  |
|  | Environment Variable |
|  |  |
|  | Parent Package |
|  |  |
|  | XML Configuration File |
|  |  |

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| To run an SSIS package at the command prompt and tell the package to use an XML configuration file even if one has not been defined in the package, which executable and flag is required? | **My Answer:** |

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|  |  |
|  | DTEXEC.EXE and /CONFIGFILE |
|  |  |
|  | DTEXEC.EXE and /SETFILE |
|  |  |
|  | DTS.EXE and /SET |
|  |  |
|  | DTS.EXE and /SETCONFIG |
|  |  |

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| Which of the following statements about transaction support in SSIS is TRUE? | **My Answer:** |

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|  |  |
|  | The built-in transaction support in SSIS makes use of the Distributed Transaction Coordinator (MSDTC) service, which must be running. |
|  |  |
|  | Transaction support is built into SSIS. |
|  |  |
|  | TransactionOption can be set to Required, Supported and NotSupported. |
|  |  |
|  | All of the above |
|  |  |

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| There is a need to import all .csv files from a particular location to a SQL table. All files have the same structure just different file names. How could this be accomplished? | **My Answer:** |

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|  |  |
|  | Place a File System Task on the Control Flow to accomplish the task and set properties. |
|  |  |
|  | Place a File System Task within a ForEach Loop Container in the Control Flow to accomplish the task. |
|  |  |
|  | Place an Execute Process Task and a File System Task on the Control Flow to accomplish the task. |
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| Which of the following is NOT a Container within SSIS? | **My Answer:** |

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|  |  |
|  | Data Flow Container |
|  |  |
|  | For Loop Container |
|  |  |
|  | ForEach Loop Container |
|  |  |
|  | Sequence Container |
|  |  |

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| Which of the following connection manager types is needed to connect to an instance of Analysis Services or to an Analysis Services project from SSIS? | **My Answer:** |

|  |  |
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|  |  |
|  | ADO |
|  |  |
|  | FLATFILE |
|  |  |
|  | MSMQ |
|  |  |
|  | MSOLAP90 |
|  |  |

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| In the SSIS Package, there is task #1 which then steps to the next step through 2 separate paths. The goal is to have a variable of Boolean type named @test to control which task is called next based on whether the variable is true or false. The task #2a should be called when the variable is set to true. Which of the following is the correct syntax for the expression within the workflow between task #1 and #2a? | **My Answer:** |

|  |  |
| --- | --- |
|  |  |
|  | @test == True |
|  |  |
|  | if @test = true |
|  |  |
|  | @test = true |
|  |  |
|  | step to if == true |
|  |  |

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| To tell SSIS that a script finished without error, which of the following script codes should be called? | **My Answer:** |

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|  |  |
|  | Dts.TaskResult = True |
|  |  |
|  | Dts.TaskResult = Dts.Results.Success |
|  |  |
|  | Dts.TaskResult(True) |
|  |  |
|  | Dts.Results = "Success" |
|  |  |

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| To delete a package that is stored in the file system using dtutil, which of the following should be used? | **My Answer:** |

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| --- | --- |
|  |  |
|  | dtutil /FILE c:\delPackage.dtsx /DELETE |
|  |  |
|  | dtutil /DTS delPackage.dtsx /DELETE |
|  |  |
|  | dtutil /FILE delPackage.dtsx /REMOVE |
|  |  |
|  | dtutil /SQL delPackage /DELETE |
|  |  |

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| Which of the following is available to deploy an SSIS Package? | **My Answer:** |

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|  |  |
|  | SQL Server and MSDTC Deployment |
|  |  |
|  | SQL Server and File System Deployment |
|  |  |
|  | DTUTIL and DTEXEC Deployment |
|  |  |
|  | SQL Server and Registry Deployment |
|  |  |

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| When a package has been deployed to SQL Server, it is stored in which database? | **My Answer:** |

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|  |  |
|  | Master |
|  |  |
|  | Model |
|  |  |
|  | MSDB |
|  |  |

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| Which Protection Level property for package security is NOT supported when saving a package to the file system? | **My Answer:** |

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|  |  |
|  | DontSaveSensitive |
|  |  |
|  | EncryptAllWithPassword |
|  |  |
|  | EncryptAllWithUserKey |
|  |  |
|  | ServerStorage |
|  |  |

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| Which of the following allows you to access the system variable that stores an error code associated with a SSIS task encountering an error? | **My Answer:** |

|  |  |
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|  |  |
|  | Dts.VariableDispenser.LockForRead("ErrorCode") |
|  |  |
|  | Dts.VariableDispenser.Read("ErrorCode") |
|  |  |
|  | Dts.GetError.Text |
|  |  |
|  | Dts.System.Variable(ErrorCode) |
|  |  |

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| There is a series of tasks that need to be rolled back if one of the tasks fails, but you want to go back only to the point of failure, not to the start of the package. To do this, you need to enable checkpoints in the package and then... | **My Answer:** |

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|  |  |
|  | ...use a Sequence Container that holds all the associated tasks. |
|  |  |
|  | ...set the GroupTrans name property on each task so that all are equal. |
|  |  |
|  | ...use a Group Container that holds all the associated tasks. |
|  |  |

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| If you want to calculate a new column from existing data, which Data Flow Transformation is necessary? | **My Answer:** |

|  |  |
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|  |  |
|  | Row Sampling |
|  |  |
|  | Term Lookup |
|  |  |
|  | Derived Column |
|  |  |
|  | Fuzzy Grouping |
|  |  |

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| Which of the following can include Error Outputs? | **My Answer:** |

|  |  |
| --- | --- |
|  |  |
|  | Sources |
|  |  |
|  | Destinations |
|  |  |
|  | Transformations |
|  |  |
|  | All of the above |
|  |  |

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| Which of the following indicates the minimum requirements needed to add a Data Viewer to the Data Flow? | **My Answer:** |

|  |  |
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|  |  |
|  | There are no minimum requirements and a Data Viewer can be added at any time. |
|  |  |
|  | A package must include at least a Data Flow task. |
|  |  |
|  | A package must include at least a Data Flow task and 1 data flow component. |
|  |  |
|  | A package must include a Data Flow task and at least two data flow components that are connected. |
|  |  |

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| When a package is restarted, Integration Services uses the configuration information stored in a checkpoint file and does not reload the package configuration. | **My Answer:** |

|  |  |
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|  |  |
|  | True |
|  |  |
|  | False |
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| If you want to log using a SQL Server Log Provider, you CANNOT make the SQL Server connection dynamic. | **My Answer:** |

|  |  |
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|  |  |
|  | True |
|  |  |
|  | False |
|  |  |

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| Which of the following is NOT a valid event handler provided by Integration Services? | **My Answer:** |

|  |  |
| --- | --- |
|  |  |
|  | OnPostExecute |
|  |  |
|  | OnTaskCancel |
|  |  |
|  | OnWarning |
|  |  |
|  | OnExecStatusChanged |
|  |  |

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| Which of the following is NOT a valid log provider in Integration Services? | **My Answer:** |

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| --- | --- |
|  |  |
|  | DTS.LogProviderSQLServer |
|  |  |
|  | DTS.LogProviderSQLProfiler |
|  |  |
|  | DTS.LogProviderXMLFile |
|  |  |
|  | DTS.LogProviderSystemViewer |
|  |  |

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| To help restrict access to the contents of a package, you can encrypt packages by setting which property in the package? | **My Answer:** |

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|  |  |
|  | ProtectionLevel property |
|  |  |
|  | EncryptionMode property |
|  |  |
|  | ProtectionEncryption property |
|  |  |
|  | Encryption of packages is not supported. |
|  |  |

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| Roles-based security can be assigned only to packages stored in an msdb database. | **My Answer:** |

|  |  |
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|  |  |
|  | True |
|  |  |
|  | False |
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| Which of the following SSIS package properties allows you to work in a disconnected mode and enter values for production that cannot be validated until the package is deployed? | **My Answer:** |

|  |  |
| --- | --- |
|  |  |
|  | Disable |
|  |  |
|  | Disconnected |
|  |  |
|  | DelayValidation |
|  |  |
|  | Debug |
|  |  |

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| --- | --- |
| If you needed to execute a console application and then take its output and set it to a variable in SSIS, which of the following tasks should you use? | **My Answer:** |

|  |  |
| --- | --- |
|  |  |
|  | Execute Process Task |
|  |  |
|  | File System Task |
|  |  |
|  | Execute package Task |
|  |  |
|  | There is no task available in SSIS which can set the output of a console application to a variable. |
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| Which of the following tasks can the WMI Event Watcher Task perform? | **My Answer:** |

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|  |  |
|  | Watch a directory for a certain file to be added. |
|  |  |
|  | Wait for a given service to start. |
|  |  |
|  | Watch for the CPU to be free. |
|  |  |
|  | B and C |
|  |  |
|  | A, B, and C |
|  |  |

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| --- | --- |
| Which of the following is NOT an enumerator in a ForEach loop? | **My Answer:** |

|  |  |
| --- | --- |
|  |  |
|  | ADO |
|  |  |
|  | FILE |
|  |  |
|  | SMO |
|  |  |
|  | ODBC |
|  |  |

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| --- | --- |
| Which of the following properties must be set to TRUE in order to create the deployment utility? | **My Answer:** |

|  |  |
| --- | --- |
|  |  |
|  | CreateDeploymentUtility |
|  |  |
|  | Deployment |
|  |  |
|  | SetupUtility |
|  |  |
|  | DeploymentOutput |
|  |  |

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| Which of the following must be TRUE in order to successfully execute an SSIS package at a scheduled time? | **My Answer:** |

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| --- | --- |
|  |  |
|  | Make sure that the SQL Server Agent is started on the target machine. |
|  |  |
|  | Make sure that the Task Scheduler is started on the target machine. |
|  |  |
|  | Make sure that the SQL Server Browser is started on the target machine |
|  |  |
|  | Make sure that the System Event Notification is started on the target machine |
|  |  |

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| Which of the following Custom Objects CANNOT be created for Integration Services? | **My Answer:** |

|  |  |
| --- | --- |
|  |  |
|  | Connection Manager |
|  |  |
|  | Synchronous Transformation |
|  |  |
|  | Log Provider |
|  |  |
|  | Enumerators |
|  |  |

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| The names of user-defined and system variables are case-sensitive. | **My Answer:** |

|  |  |
| --- | --- |
|  |  |
|  | True |
|  |  |
|  | False |
|  |  |

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| Which of the following is NOT an example of a Backward Compatibility Task within SSIS? | **My Answer:** |

|  |  |
| --- | --- |
|  |  |
|  | ActiveX Script Task |
|  |  |
|  | Web Service Task |
|  |  |
|  | Execute DTS 2000 Package Task |
|  |  |
|  | All of the above |
|  |  |

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| Which of the following SQL Server Maintenance Plan tasks is executed to optimize SQL Server to make better judgments about the data access strategies it needs to choose during query requests? | **My Answer:** |

|  |  |
| --- | --- |
|  |  |
|  | Update Statistics Task |
|  |  |
|  | Maintenance Cleanup Task |
|  |  |
|  | History Cleanup Task |
|  |  |
|  | Check Database Integrity Task |
|  |  |

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| Which of the following methods will allow you to send an HTML e-mail message from SSIS? | **My Answer:** |

|  |  |
| --- | --- |
|  |  |
|  | a Send Mail task |
|  |  |
|  | a Script Control task |
|  |  |
|  | an XML task |
|  |  |
|  | It is not possible to send HTML email messages from SSIS. |
|  |  |