Q.1) Once a DataAdapter select command is set in the sample below, which one of the following

lines of code enables the automatic creation of update, delete, and insert commands for the

adapter? OleDbConnection cnn = new OleDbConnection(“database=northwind”);

1. OleDbCommandBuilder cmdB = new OleDbCommandBuilder();
2. OleDbCommandBuilder cmdB = new OleDbCommandBuilder(cnn);
3. OleDbCommandBuilder cmdB = new OleDbCommandBuilder(adp);
4. OleDbCommandBuilder cmdB = new OleDbCommandBuilder().Build;
5. OleDbCommandBuilder cmdB = new OleDbCommandBuilder(adp).Build;

Q.2) Referring to the sample below, which property of the SqlDataAdapter (replacing the

question mark) specifies the source query against the data source? SqlConnection cnn =

new SqlConnection(“database=northwind”); SqlCommand cmd = new

SqlCommand(“orders”, cn

1. SelectQuery 2. Query 3. SourceQuery 4. SourceCommand 5. SelectCommand

Q.3) Stacy wants to populate a select dropdown combo box with data in a data store. Stacy wants

a fast, forward only, read-only database connection using ADO.NET.

Given the above scenario, which one of the following objects should Stacy use?

1. A DataReader object 2. A DataAdapter object 3. A Recordset object
2. A Connection object 5. A Command object

Q.4) The benefit of ADO.NET being able to communicate across heterogeneous environments is

a result of which one of the following?

1. The data are delivered as Network Data Representation (NDR).
2. The protocol is COM/DCOM based.
3. The data are delivered in XML format.
4. The protocol is based on TCP Sockets.
5. The data and protocol are designed by the client and server on a case-by-case basis.

Q.5) What property of a SqlCommand or OleDbCommand object sets the length of time it will run before

aborting with an exception for taking too long to execute?

1. MaxDuration 2. CommandLength 3. CommandDuration

4. CommandTimeout 5. AbortAfter

Q.6) When a DataSet is populated from a DataAdapter that returns a single resultset, which one of the

following object types contains all the data?

1. DataResults 2. DataTable 3. DataRelation 4. DataConstraint 5. DataRow

Q.7) When the query below is used to retrieve data into a DataReader, which one of the following methods

allows access to the second set of data (the data from customers)?

SELECT \* FROM orders; SELECT \* FROM customers

1. NextData 2. NextTable 3. NextValues 4. NextResult 5. NextFields

Q.8) Which component of ADO.NET object model is used for connecting to a database, retrieving

data,storing the data in a dataset, reading the retreived data,and updating the database?

1. A data provider 2. A data reader 3. A data command 4. A data adapter

Q.9) Which connections in the sample below are allocated to the same connection pool?

SqlConnection cnn1 = new SqlConnection(“Initial Catalog=test”); Cnn1.Open()

SqlConnection cnn2 = new SqlConnection(“Initial Catalog=Production”); Cnn2.Open()

SqlConnection

1. cnn1 only 2. cnn1 and cnn2 only 3. cnn1 and cnn3 only

4. cnn2 and cnn3 only 5. cnn1, cnn2, and cnn3

Q.10) Which method of the SqlConnection object checks a user's credentials when connecting to a server?

1. Connect 2. Authenticate 3. Open 4. ConnectionString 5. Credentials

Q.11) Which one of the following does the System.Data namespace provide?

1. Base objects and types for ADO.NET

2. Connection providers to DataAccess objects

3. The DataRecord class

4. An ODBC connection to a DataReader interface

5. Access to DB2 namespaces

Q.12) Which one of the following namespaces does NOT expose ADO.NET tools for database

manipulation?

1. System.Data.Forms
2. System.Data.Common
3. System.Data.OleDb
4. System.Data.SqlClient
5. System.Data.SqlTypes

Q.13) Which one of the following objects is a high-level abstraction of the connection and command

objects in ADO.NET?

1. DataSet 2. DataAdapter 3. DataReader 4. DataTable 5. DataView

Q.14) Which one of the following snippets causes the string returned by the ConnectionString property

of a SqlConnection to suppress security information?

1. Obfuscate Security Info=true 2. Persist Security Info=false

3. Mask Security Info=true 4. Hide Security Info=true

4. Retain Security Info=false

Q.15) Which one of the following snippets in a connection string for a SqlConnection object forces the

use of integrated security?

1. SSPI=Integrated Security 2. Authentication=SSPI 3. Authentication=Integrated Security

4. Integrated Security=SSPI 5. Method=Integrated Security

Q.16) Which value of the ConnectionState enumeration represents a connection that has been severed

but can be closed and re-opened?

1. Severed 2. Broken 3. Closed 4. Open 5. Waiting

Q.17) With which data sources does the System.Data.SqlClient namespace work?

1. It is only compatible with Microsoft SQL Server newer than 6.5.

2. It is backward compatible with older versions of Microsoft SQL Server.

3. It is compatible with any ANSI-standard SQL compliant data source.

4. It is compatible with any OLE BD standard data source.

5. It is only compatible with Microsoft SQL Server 2000.

Q.18) .Net Data provider consists of Connection, Command,\_\_\_\_\_\_and \_\_\_\_\_\_\_\_\_.

1. Data Adapter, Connection details 2. Data Reader, Data Adapter

3. DataBuilder, DataReader 4. Not mentioned Above

Q.19) CommandBuilder helps to build all the sql commands like insert,update,delete for the \_\_\_\_\_\_\_.

1. DataAdapter 2. DataReader 3. Command 4. None of the above

Q.20) To traverse through any table row by row using a command object you should use \_\_\_\_\_\_ method using a

command object..

1. command.ExecuteReader() 2. command.ExecuteNonQuery()
2. command.ExecuteScalar() 4. None of the above

Q.21) When you want to use the records of a query result viewed one after the other you should use the \_\_\_\_\_

object.

1. DataView 2. DataReader 3. DataTable 4. None of the above

Q.22) To store the resultset in a DataReader object you would use the \_\_\_\_\_method.

1. Command.ExecuteQuery() 2. Command.ExecuteReader()

3. Command.ExecuteScalar() 4. Command.ExecuteProcedure()

Q.23) The two core components of ADO.NET is \_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_

1. CommandBuilder and CommandReader 2. DataSet and .Net DataProvider

3. Connection and CommandBuilder 4. None of the above

Q.24) You create a Windows application for Graphic Design Institute to maintain student details. A Form named

frmExamDetails displays details of exams, from the ExamDetails table, taken by b student. You use a

TextBox control named TxtStudent, Which accepts the

1. DataRow[] ExamRows= DsExams1.ExamDetails.Select("Studentid='" + TxtStudentID.Text + "'");
2. DataRowCollection ExamRows = DsExams1.ExamDetails.Select("Studentid = '"+ TxtStudentID.Text + "'");
3. DataRow ExamRows = DsExams1.ExamDetails.Select("Studentid='" + TxtStudentID.Text + "'");
4. DataRowCollection[] ExamRows = DsExams1.ExamDetails.Select("Studentid= '" + TxtStudentID.Text

+"'");

Q.25) Web services that return database information typically:

a. 1.Establish a connection to a data source  
 2.Run a query or perform calculations, and fill the DataSet;  
 3.Return the DataSet to the client application for further processing

b. 1.Establish a connection to a data source  
 2.Define the structure of a Typed DataSet (by using an .xsd file)  
 3.Create an empty instance of the Typed DataSet  
 4.Run a query or perform calculations, and fill the DataSet;  
 5.DataAdapter is commonly used to fill

c. 1.Establish a connection to a data source  
 2.Define the structure of a Typed DataSet (by using an .xsd file)  
 3.Create an empty instance of the Typed DataSet  
 4.Run a query or perform calculations, and fill the DataSet;

d. 1.Establish a connection to a data source  
 2.DataAdapter is commonly used to fill the DataSet  
 3.Return the DataSet to the client application for further processing