Microsoft

MB6-704 PRACTICE EXAM

Microsoft Dynamics AX 2012 R3 CU8 Development Introduction

Product Question: 90

Question: 1

You need to write X++ code that is common to both the CustTable table and the Vend Table table. The solution must minimize the duplication of code.
What should you do?

A. Modify CustTable to add all of the fields in Vend Table. Write X* + code that uses CustTable.
B. Create a view that includes the fields in both CustTable and Vend Table. Write X+ + code that uses the view.
C. Create a table that extends from CustTable and Vend Table. Write X+ + code that uses the new table.
D. Create a map that links CustTable and Vend Table. Write X++ code that uses the map.

Answer: D

Question: 2

You plan to create a Fact Box based on a query that queries a table.
You need to ensure that all of the fields in the table are available to the Fact Box.
What should you do?

A. From the Fields node of the form s data sources, set the Dynamic property to Unselected
B. From the Fields node of the table, set the Dynamic property to Yes.
C. From the Fields node of the query's data sources, set the Dynamic property to Yes.
D. From the Fields node of the table, set the Dynamic property to Unselected.

Answer: B

Question: 3

You need to provide users with the ability to open a Microsoft SQL Server Reporting Services (SSRS) report from a form.
What should you use?

A. A data source
B. A form part
C. An output menu item
D. A display method

Answer: B

Question: 4

You develop a Microsoft SQL Server Repotting Services (SSRS) report for a customer.
You need to ensure that the report is available in Dynamics AX.

Where should you save the report?

A. The Dynamics AX model store
B. The SSRS server
C. The Application Object Server (AOS)
D. The Dynamics AX clients

Answer: B

Question: 5

Which three statements accurately describe views in Dynamics AX?
Each correct answer presents a complete solution.

A. A view can be created from a query.
B. You can update a view by using the Table Browser.
C. Views can be used to display a subset of the data from the source tables.
D. The data for the view is refreshed periodically by using a batch job.
E. The definition of the view is stored in the database when the view is synchronized.

Answer: A, C

Question: 6

You have a table that contains invoices.
You need to create a Fact Box that displays the number of invoices in the table.
Which type of Fact Box should you use?

A. form part
B. cue group
C. cue
D. info part

Answer: D

Question: 7

Which three types of components can be customized by using the Morph X development environment?
Each correct answer presents a complete solution.

A. Dynamics AX security roles
B. Dynamics AX Enterprise Portal pages
C. Dynamics AX client forms
D. Microsoft SQL Server Reporting Services (SSRS) reports
E. Dynamics AX tables

Answer: A, C, E

Question: 8

You have two tables named Table l and Table2. There is a many to one relationship between Table2 and Table l. You discover that following X++ statement is very slow to execute;

```
select recid from table1
   join table2
   where table2.RefField == table1.Field;
```

Table l field cannot have duplicate data in Table 1
You need to reduce the amount of time it takes for the code to execute.
What should you create?

A. A unique index in table 1 Field and a unique index in table2.ref Field
B. A non-unique index in table 1 Field and a unique index in table2.refField
C. A unique index in table 1 Field and a non-unique index in table2 ref Field
D. A non-unique index in table 1 Field and a non-unique index in table2 ref Field

Answer: C

Question: 9

You have two tables named Table l and Table2. There is a relationship between the tables.
You need to display data from both tables in a form.
How should you create the data source for the form?

A. Add both tables to a perspective and use the perspective as the data source.
B. Create a new table named Table3 that is related to Table l and Table2. Use Tables as the data source.
C. Add both tables to a map and use the map as the data source.
D. Add both tables to a query and use the query as the data source.

Answer: D

Question: 10

You enable a feature for a Dynamics AX instance.
What should you use?

A. An extensible data security (XDS) policy
B. A configuration key
C. The Table Permissions Framework (TPF)
D. A security key

Answer: B

Question: 11

Which statement accurately describes a model in Dynamic AX?

A. A model can be used to group other models.
B. A model can group elements at multiple layers.
C. A model can group elements only at a specific layer.

D. An element that exists only in one layer can be in multiple models in the same layer.

Answer: C

Question: 12

You need to add a menu item to a list page.
To which pane should you add the menu item?

A. Preview
B. Action
C. Filter
D. Fact Box

Answer: B

Question: 13

You need to display data on a new form.
What should you do?

A. Add a data source and create a design.
B. Add a data source and set a caption.
C. Add a data source and create a method.
D. Add a form part and set a caption.

Answer: A

Question: 14

You have a table named Vend Table that contains a field named Main Contact Worker. Main Contact Worker is the reference Recid. Many records in the Vend Table table have the same value for Main Contact Worker.
Users frequently search for data in the Vend Table table based on the Main Contact Worker field.
You need to ensure that when the users create queries that include the Main Contact Worker field in the where clause, the query results are returned in the least amount of time possible.
What should you create in Vend Table?

A. A unique index in Main Contact Worker
B. A surrogate key that is used as the primary index
C. A primary index for Main Contact Worker
D. A non-unique index in Main Contact Worker

Answer: B

Question: 15

You have a Dynamics AX development environment.
You need to delete the data in a specific table manually.
What should you use?

A. The Type hierarchy browser
B. The Delete Actions of the table
C. The Code profiler
D. The Table Browser

Answer: D

Question: 16

You need to store the preferred method of correspondence in a table named Dir Person Table.
The solution must meet the following requirements:
•   The table must have a field that stores the preferred method of correspondence.
•   The field must have values of Mail, E-mail, or Unknown.
•   The text representing the preferred method of correspondence values on forms must be localized to the language used by the user.
•   The values in the database must not be localized.
How should you create the field in Dir Person Table?

A. Create an extended data type (EDT) used to store the preferred method of correspondence.
The EDT must extend from the string. Use the EDT to create the field in Dir Person Table.
B. Create an enum that stores the preferred method of correspondence and has the values of Mail, E-mail, and Unknown. Use this enum to create the field in Dir Person Table.
C. Create a string field that stores the preferred method of correspondence.
D. Create an integer field that stores the preferred method of correspondence.

Answer: A

Question: 17

You are developing a class named Class l that performs several calculations. One of the methods in Class l is named method 1.
Other developers will create classes that inherit from Class l.
You need to ensure that method l is available to Class l and to all of the classes that inherit Class l. The developers must not be able to call method l from any other classes.
Which keyword should you use to define method l?

A. Protected
B. Public
C. Server
D. Private

Answer: D

Question: 18

You need to identify which elements the Reverse engineer tool will provide for a data model.
Which three elements should you identify? Each correct answer presents part of the solution.

A. Table methods
B. Classes
C. Table fields
D. Base enumerations
E. Extended data types (EDTs)

Answer: C, D, E

Question: 19

You have the following X++ statement:

```
Int variableA, variableB;
Int _parameter = 3;

Try
{
  while(variableA < _parameter)
  {
    if(variableA == 1)
    {
      break;
    }
    else if(variableA > 2)
    {
      throw error("Variable2 cannot have value greater than 2.");
    }
    variableA++;
  }
  if(variableB < variableA)
  {
    error("Wrong value of variableB variable.");
  }
}

Catch (Exception::Error)
{
  error("Process was aborted.");
}

Catch (Exception::Break)
{
  error("Process was cancelled.");
}
```

A. Wrong value of variable B variable.
B. Wrong value of variable B variable. Process was cancelled.
C. Variable2 cannot have value greater than 2. Process was aborted.
D. Process was cancelled. Wrong value of variable B variable.

Answer: A

Question: 20

You need to develop a solution to process accounts receivable. The solution must halt the process and display a message if the process starts before the last day of the month. The process must resume once the user acknowledges the message.
Which communication statement should you use?

A. Warning ("This process should only be started on the last day of the month");
B. Info ("This process should only be started on the last day of the month");
C. Box: warning ("This process should only be started on the last day of the month");
D. Error ("This process should only be started on the last day of the month");
E. Print "This process should only be started on the last day of the month";

Answer: C

Question: 21

You have the following X++ code: (Line numbers are included for reference only.)

```
01 public class Class1
02 {
03 int variable1;
04 int variable2;
05 }

06 public int method1(int _variable1 = variable1)
07 {
08 variable1 = _variable1;
09 return variable1;
10 }

11 public int method2()
12 {
13
14 return variable2;
15 }

16 public class Class2
17 {
18 }

19 public void method3(Class1 class1Obj)
{
  error("Process was cancelled.");
}
20 {
21 int variable3;
22
23 }
```

Method l and method2 are in Class l. Method3 is in Class2.
You need to set the value of vanable3 to the value of variable l from class l Obj.
Which code segment should you insert at line 22?

A. Variable3 = classl Obj.methodl();
B. Variable3 = new Class l{} .variable l;
C. Variable3 = class l Obj. variable l;
D. Variable3 = this. variable l ;

Answer: A

Question: 22

A table named Table 1 has a string field named Account Num.
You have an instance of Table l named table1.
You need to print the value of Account Num to the info log.
Which code segment should you use?

A. Info (table1. Get Account Num ( ));
B. Info (table1 Account Num());
C. Info (int2str (table1. Account Num));
D. Info (table1. Account Num);

Answer: D

Question: 23

You need to replace a value from a specific position of a container
Which function should you use?

A. ConDel
B. ConPoke
C. ConFind
D. ConNull

Answer: B

Question: 24

You have a job that contains the following X++ code: (Line numbers are included for reference only.)

```
01 int numerator = 10;
02 int denominator = 0;
03 int answer = 0;
04 str string = "this is a string";
05 try
06 {
07    answer = numerator / denominator;
08    answer = answer + strLen(string);
09 }
10
11 {
12    info("error");
13 }
```

You need to identify which code must be inserted at line 10 to ensure that line 12 executes.
Which code segment should you insert at line 10?

A. Catch (exception::error)
B. Catch (exception::warning)
C. Catch (exception::sequence)
D. Catch (exception::numeric)

Answer: D

Question: 25

You have a class named Class l that contains a static method named smethodl and an instance method named method2.

Class l contains the following X+ + code: (Line numbers are included for reference only.)

```
01 class Class1
02 {
03   int var1;
04 }

05 static void smethod1()
06 {
07 }

08 public void method2()
09 {
10
11 }
```

You need to call smethodl from method2.
Which code segment should you insert at line 10?

A. Class l.smethodl()
B. Class l::smethod l ()
C. This::smethodl()
D. This.smthod l()

Answer: B

Question: 26

Which elements can contain X++ methods?

A. Info parts
B. Tables
C. Enumerators
D. Extended data types (EDTs)

Answer: B

Question: 27

You have the following X++ statement:

```
Int counter = 4;
;
Do
{
   while(counter>=3)
   {
      print strfmt("%1", 2);
      break;
   }
      print strfmt("%1", counter);
      counter--;
}
While(counter >= 3);
Pause;
```

You need to identity the output of the statement.
What should you identify?

A. 2
4
2
3
B. 4
2
3
2
C. 2
3
4
2
D. 2
3
2
4

Answer: A

Question: 28

You are developing a solution by using X++. The solution updates multiple records.
You need to ensure that if the solution attempts to modify records that currently are being edited by a user, the operation will be retried.
Which type of exception should you handle?

A. Code Access Security
B. Sequence
C. Update Conflict
D. Deadlock

Answer: C

Question: 29

You are developing a solution to insert and update records in a table named Table I. Table I is structured as shown in the following table.

ID (Int)	Description (String 60)
1	Record 1
2	Record 2
3	Record 3
4	Record 4

You have the following X++ code:

```
Int counter = 3, maxValue = 4;
Table1table1;
try
{
  for(counter = 3; counter<6; counter++)
  {
    table1.clear();
    table1.ID = counter;
    table1.Description = strfmt("Record %1", counter);
    table1.insert();
    If(Counter == maxValue)
    {
      Info("Max value");
      break;
    }
  }
}
catch(Exception::Error)

{
  Info("Error");
}
catch(Exception::DDEerror)
{
  Info("Data error");
}
catch(Exception::Break)
{
  Info("Break");
}
```

You need to identify the output of the X++ code.
What should you identify?

A. Error
B. Max value
C. Break
D. Data error

Answer: B

Question: 30

You need to identify the output of the following X- ◆ statement:

```
Int counterA = 3;
;
While(counterA mod 2) > 0)
{
    Print strfmt("%1", counterA * (counterA mod 2));
    If(counterA>=7)
    {
        break;
    }
    counterA+=2;
}
Pause;
```

What should you identify?

A. 3
5
7
B. 3
5
12
C. 4
5
6
D. 3
6
9

Answer: A

Question: 31

You have a class named Class l that has a public method named methodl.
For method1, you plan to create an event handler that is defined in the Application Object Tree (AOT).
For the event handler, you need to develop code that runs after method l executes.
What should you use to define the code for the event handler?

A. A display method on a table
B. A static method on a class
C. The new method on a class.
D. A public instance method on a class

Answer: B

Question: 32

A developer writes code by using X++.
You need to identify whether the code violates best practices.
Which tool should you use?

A. The X++ code editor
B. The Code profiler
C. The X++ compiler
D. The Debugger

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Answer: C

Question: 33

You are developing a solution for a customer.
You plan to add a local embedded function to perform a recursive operation by using the following code:

```
Void mainMethod(str _mainMethodParam)
{
    Int CounterInMainMethod;

    Void embededFunction(str _embededFunctionParam)
    {
        Int CounterInembededFunction;
        ;
    }
    ;
}
```

You need to identify which variables can be accessed from mainMethod.
Which variables should you identify?

A. MainMethodParam and embededFunctionParam
B. MainMethodParam and CounterInMain Method
C. EmbededFunctionParam and CounterInembeded Function
D. CounterInMainMethod and CounterInembeded Function

Answer: B

Question: 34

You have a class named Classl.
You need to identify all of the classes that extend Classl.
Which tool should you use?

A. The Type hierarchy browser
B. The Tracing cockpit
C. The Code profiler
D. The Compare tool

Answer: A

Question: 35

You create a duty to maintain customer master information.
You need to identify to which elements you can add the duty.
Which two elements should you identify? Each correct answer presents a complete solution.

A. Process Cycles
B. Policies
C. Permissions
D. Privileges
E. Roles

Answer: C, D

Question: 36

You need to add a duty to the Accounts receivable manager role.
What are two possible menus or nodes that can be used to achieve this goal? Each correct answer presents a complete solution.

A. The Setup menu from Organization administration
B. The Setup menu from Accounts receivable
C. The Security node in the Application Object Tree (AOT)
D. The Setup menu from the System administration module

Answer: C, D

Question: 37

You need to set the code permission of an action menu item.
Which property should you use?

A. Linked Permission Object
B. Configuration Key
C. Needed Access Level
D. Web Secure Transaction

Answer: A

Question: 38

You need to provide a user from Active Directory with access to Dynamics AX. The user will access Dynamics AX by using the Dynamics AX client. The user will be an internal user.
In addition to the users functional role, which two roles should you assign to the user? Each correct answer presents part of the solution.

A. Manager
B. Guest
C. Employee
D. Claims user
E. System user

Answer: C, E

Question: 39

You have a table named sales Table that contains the data shown in the following table.

ID	SalesId	Description	CustAccount	RecId
01	SO0001	Order 1	CUST001	1234567
02	SO0002	Order 2	CUST001	1234568
03	SO0003	Order 3	CUST001	1234569

You have the following X++ statement:

```
SalesTable salesTable;
select Description, CustAccount from salesTable
  Where salesTable.recid == 1234569;
print strfmt("%1-%2",salesTable.SalesId, salesTable.Description);
pause;
```

You need to identify the output of the X++ statement.
What should you identify?

A. Order3-
B. -Order3
C. SO0003-
D. SO0003-Order3

Answer: D

Question: 40

You need to add a conditional statement into a query object.
Which class should you use?

A. Query Item
B. Query Build Data Source
C. Query
D. Query Range

Answer: C

Question: 41

What can you prevent an object from accessing by using a display method authorization?

A. Data from forms
B. Data from jobs
C. Data from reports
D. Data from tables

Answer: A

Question: 42

You need to develop X++ code to fetch data from a database by using a query object.

Which class should you use to perform the fetch operation?

A. Query Run
B. Query Build Range
C. Query
D. Query Build Data Source

Answer: A

Question: 43

You are creating an extensible data security (XDS) policy.
You need to return the data from the primary table that will be used to filter the data in a constrained table.
What should you use?

A. The Code profiler
B. Code permissions
C. Secured APIs
D. A policy query

Answer: D

Question: 44

You need to identify which permission can be set only on a form that has date effective data.
Which permission should you identify?

A. Correct
B. Create
C. Delete
D. Read
E. Update

Answer: A

Question: 45

You need to create a new extensible data security (XDS) policy.
What should you use?

A. A map
B. A part
C. A query
D. A job

Answer: C

Question: 46

You create a privilege to maintain vendor information.
To which two elements can you add the privilege? Each correct answer presents a complete solution.

A. Policies
B. Process Cycles
C. Duties
D. Roles
E. Permissions

Answer: B, C

Question: 47

You are developing X++ code to retrieve data from a table named Table l.
You need to use a select statement to retrieve only records from Table l that have related records in a table named Table2.
Which type of join should you use?

A. Inner
B. Exists
C. Outer
D. Not exists

Answer: A

Question: 48

You make changes to the security configuration of a role.
You need to ensure that the changes appear in the Application Object Tree (AOT) immediately.
What should you select from the Caches menu?

A. Refresh data
B. Refresh dictionary
C. Refresh report server
D. Refresh elements

Answer: B

Question: 49

You are developing X++ code to update multiple records as a single transaction. The records are located in several tables.
You need to ensure that if an update of one of the records falls, none of the records update.
What should you use?

A. Try and catch
B. Tts begin and tts commit
C. Insert record set and tts abort
D. For update and tts abort

Question: 50

You have the following X++ code that contains an SQL statement:

```
Connection userConnection;
Statement stmt;
Str sqlString;
Resultset results;

userConnection = new Connection();
stmt = userConnection.createStatement();
sqlString = "select * from SalesTable";
new SqlStatementExecutePermission(sqlString).assert();
results = stmt.executeQuery(sqlString);
CodeAccessPermission::revertAssert();
```

Which two statements accurately describe the code?
Each correct answer presents a complete solution.

A. The code does not enforce field-level security.
B. The results variable only contains data from the partition in to which the user is logged.
C. The code does not enforce row-level security.
D. The results variable only contains data from the legal entity in to which the user is logged.

Answer: C, D

Question: 51

You need to set up the context for an extensible data security (XDS) policy.
Which security element should you use?

A. Permission
B. Duty
C. Role
D. Privilege

Answer: C

Question: 52

You have two tables named sales Table and sales Line. Sales Table contains the data shown in the following table.

#	SalesId	RecId
01	SO0001	1234567
02	SO0002	1234568
03	SO0003	1234569

Sales Line contains the data shown in the following table.

#	SalesId	RecId
01	SO0003	2234567
02	SO0002	2234568
03	SO0003	2234569

You have the following X++ statement:

```
SalesTable salesTable;
SalesLine salesLine;
;

while select salesTable
  order by salesLine.Recid desc
  join salesLine
  where salesLine.salesId == salesTable.salesid

  {
    print strfmt("%1",salesTable.salesId);
  }
  pause;
```

A. SO0002
SOO002
SOO003
B. SOO003
SO0002
SOO003
C. SOOOOl
SOO002
SO0003
D. SOO002
SO0003
SO0003

Answer: B

Question: 53

You have a Dynamics AX deployment that contains three legal entities.
You need to search for records across all three legal entities.
What should you create?

A. A select statement that uses the data Area Id field in a where clause
B. A select statement that joins the Company Info table
C. A select statement that uses the data Area Id field in a field list
D. A select statement that uses the cross Company keyword

Answer: D

Question: 54

You need to explicitly request permission to invoke a secured class.
Which two methods should you use? Each correct answer presents part of the solution.

A. Set
B. Define
C. Assert
D. Invoke
E. Demand

Answer: C, E

Question: 55

You need to identify how the Application Object Server (AOS) implements Code Access Security to prevent secured APIs from being invoked by untrusted code.
Which three verifications are performed by the AOS? Each correct answer presents part of the solution.

A. That the assert is executed on the multiple tiers from the secured class
B. That the code asserts the appropriate permission on the call stack to use the secured class
C. That the assert is executed in trusted code and saved in the Application Object Tree (AOT)
D. That the assert is executed on the same tier as the secured class
E. That the assert modifies the client only invocations of the secured class

Answer: C, D, E

Question: 56

You need to assign the Accounts receivable manager role to a user.
From where should you assign the role to the user?

A. Local Users and Groups on a client computer
B. The Security node in the Application Object Tree (AOT)
C. The Site Permissions page in the Dynamics AX Enterprise Portal
D. The Users form from the System administration module

Answer: B

Question: 57

You have a menu item named menu item l that is used to launch a form named Form l by using the rich client.
You need to ensure that users who are granted the Maintain customer addresses privilege can use menu item l to open Form l in read mode.
What should you do?

A. Set menu item l to run on the server. Modify the Enabled property of the Maintain customer addresses privilege.
B. Create an entry point for the Maintain customer addresses privilege. Set the Access Level property of the entry point
C. Create an entry point for the Maintain customer addresses privilege. Add Form l to the Maintain customer addresses privilege.
D. Set menu item l to run on the server. Add Form l to the Maintain customer addresses privilege.

Answer: B

Question: 58

You need to set the permissions of an action menu item.
Which property should you modify?

A. Web Secure Transaction
B. Needed Access Level
C. Configuration Key
D. Linked Permission Type

	Answer: D

Question: 59

You are developing queries to fetch data from the CustTable table. CustTable contains a field named City. There is a non-unique cluster index named city Idx in the City field.
You need to fetch data from CustTable in ascending order based on City.
What are three possible SQL statements that achieve this goal? Each correct answer presents a complete solution.

A. Select CustTable order by city ASC;
B. Select CustTable index city;
C. Select CustTable index city Idx;
D. Select city From CustTable;
E. Select CustTable order by city;

	Answer: A, D, E

Question: 60

You are writing logic to fetch data from a database. The logic will use a select statement.
You need to identify which keyword to use to fetch a single record from the database.
Which keyword should you use?

A. FirstFast
B. ForUpdate
C. Exists
D. FirstOnly

	Answer: D

Question: 61

Your company is performing a security audit.
You need to provide a list of all the roles that have access to a form named Form l.
What should you do?

A. From the Dynamics AX client open System administration, click Common, click Users, and then click Users
B. From the File menu of the Dynamics AX client, click Tools and then click Options
C. From the Application Object Tree (AOT), right-click Form l, click Add-ins click Security tools, and then click View related security roles.
D. From the Application Object Tree (AOT), open Security, right-click a role, click Add-ins. click Security tools, and then click View related security objects.

Answer: C

Question: 62

You are developing logic that will use a query object to fetch data from a database.
Which function should you use to validate that the elements of type query exist in the Application Object Tree (AOT)?

A. Query Build Data Source
B. Query
C. QueryStr
D. QueryRun

Answer: C

Question: 63

You have two tables named CustTable and Cust Group. Each record in CustTable references a record in Cust Group.
You need to create a delete action to ensure that the records in Cust Group can be deleted only if there are no records in CustTable that reference the record in Cust Group.
What should you do?

A. On Cust Group, create a Cascade delete action for CustTable.
B. On Cust Group, create a Restricted delete action for CustTable.
C. On CustTable, create a Restricted delete action for Cust Group.
D. On CustTable, create a Cascade delete action for Cust Group.

Answer: B

Question: 64

You have a table named Table l that contains a string field named Description.
Users want to search for records in Table l based on words that might be present in Description. The words can be anywhere in the Description field.
You need to ensure that when the users create queries that are filtered based on the Description field, the query results must be returned in the least amount of time possible.
What should you do on Table l?

A. Create a non-unique index in Description.
B. Add Description to the AutoSummary field group.
C. Create a full text index in Description.
D. Write a find method.

Answer: C

Question: 65

You are developing a solution to store sales orders in Dynamics AX. Each sales order can contain multiple sales order lines. A sales order line can be part of only one sales order.
You create two tables named Sales Table and Sales Line. The tables will model the sales order and the sales order line

entities. Sales Table will store sales orders and Sales Line will store sales order lines.
You need to specify the relationship between the tables.
Which relationship should you specify?

A. A foreign key relationship from Sales Table to Sales Line
B. A field fixed relationship from Sales Table to Sales Line
C. A foreign key relationship from Sales Line to Sales Table
D. A related field fixed relationship from Sales Line to Sales Table

Answer: C

Question: 66

You have a form that displays a list of items from a table named Table l.
You need to prevent all users from updating the records by using the form. What should you modify?

A. The table field groups
B. The menu items
C. The form template
D. The data source

Answer: B

Question: 67

You plan to create two tables named Table l and Table2. Both tables will have a field named Customer Number of the string type that has a length of 15. The tables will have a relationship on the Customer Number field.
You need to ensure that the string length of Customer Number is identical for both tables. The solution must ensure that if any relationships on the Customer Number field are added to other tables, the other tables will have the same string length for Customer Number.
What should you use?

A. A view
B. An extended data type (EOT)
C. A perspective
D. A map

Answer: B

Question: 68

You are planning the Dynamics AX architecture for a company that has two legal entities.
You need to recommend a solution that meets the following requirements:
• Application logic must be shared between the two legal entities.
• Integration ports must be shared between the two legal entities.
• Data must not be shared between the two legal entities.
What should you recommend creating?

A. Two separate Dynamics AX instances that each has one data partition and one legal entity

B. One Dynamics AX instance that has one data partition and two legal entities
C. One Dynamics AX instance that has two Application Object Server (AOS) instances with a legal entity for each AOS instance
D. One Dynamics AX instance that has two data partitions with one legal entity in each partition

Answer: D

Question: 69

You have two data sources named Items and Item Details. There is a relationship between the data sources. Item Details contains detailed information about each item in Items.
You plan to create a form that contains two grids.
You need to configure the form to display the details of an item when the item is selected.
What should you set?

A. The Link Type of Items
B. The Join Source of Items
C. The Link Type of Item Details
D. The Join Source of Item Details

Answer: D

Question: 70

You work in a shared development environment. You frequently use private projects.
Which statement accurately describes the private projects?

A. Changes made to the objects in the private projects are visible only to the user who creates the projects.
B. Private projects can have only one version in source control.
C. Other users can be granted access to the private projects by using security roles.
D. Private projects are visible only to the user who creates the projects.

Answer: D

Question: 71

Which three tasks are performed by an Application Object Server (AOS)? Each correct answer presents a complete solution.

A. Manages client sessions
B. Stores the Dynamic AX models
C. Enforces security for Dynamic AX data and features
D. Runs the X++- code
E. Hosts help files

Answer: A, B, D

Question: 72

You have three tables named Table l, Table2, and Table3. Table2 and Table3 extend from Table l.
You define a method on Table2 and you define a field on Table l.
You need to identify on which tables the field and the method will be available.
Which two options should you identify? Each correct answer presents part of the solution.

A. The field will be available on Table l only.
B. The field will be available on Table l, Table2, and Table3.
C. The method will be available on Table2 and Table3 only.
D. The method will be available on Table2 only.
E. The method will be available on Table l, Table2, and Table3.

Answer: B, D

Question: 73

You need to create a user interface that displays all of the records for a custom module. The user interface must have an action pane, filters, a grid, form parts, and preview information.
Which form template should you use?

A. Detail Form Transaction
B. List Page
C. Simple List
D. Drop Dialog

Answer: A

Question: 74

Last Name is a field in a table. The length of the field is modified at different layers as follows:
- At the SYS layer, the field is set to 20 characters.
- At the USR layer, the field is set to 60 characters.
- At the CUS layer, the field is set to 40 characters.
- At the VAR layer the field it is set to 10 characters.

At runtime, what will be the length of the Last Name field?

A. 40
B. 10
C. 20
D. 60

Answer: D

Question: 75

You have a form that uses a grid view. The form has one data source.
You need to identify when the data entered in the form is committed to the database table.
What should you identify?

A. When the form is compiled

B. When the focus changes from one row to another row
C. When the form is synchronized
D. When the focus changes between fields in the same row

Answer: B

Question: 76

You have the following X++ code: (Line numbers are included for reference only.)

```
01 public class Class1
02 {
03 int variable1;
04 int variable2;
05 }

06 public void method1(int _variable1 = variable1)
07 {
08 variable1 = _variable1;
09 }

10 public int method2()
11 {
12
13 return variable2;
14 }

15 public class Class2
16 {
17 }

18 public void method3(Class1 class1Obj)
19 {
20 int variable3;
21
22 }
```

Method l and method2 are in Class l. Method3 is in Class2.
You need to ensure that you can change the value of variable2 at line 21.
What should you do first?

A. Create a protected accessor method for variable2.
B. Create a public accessor method for vanable2.
C. Declare variable2 as a public variable.
D. Declare variable2 as a protected variable.

Answer: B

Question: 77

You have the following X++ statement:

```
Int variableA, variableB;
;
Try
{
    variableA = 5;
    variableB = 20;
    variableB -= variableA;

if(variableB > variableA)
{
    throw error("An error has occurred.");
    error("VariableB cannot be less than variableA.");
}
}

Catch (Exception::Error)
{
    error("Process was aborted.");
}
```

You need to identity the output of the statement.
What should you identify?

A. An error has occurred.
Variable B cannot be less than variable A
Process was aborted.
B. An error has occurred.
Process was aborted.
C. An error has occurred.
Variable B cannot be less than variable A
D. Variable B cannot be less than variable A
Process was aborted.

Answer: B

Question: 78

You have the following X++ code: (Line numbers are included for reference only.)

```
01 public class Class1
02 {
03 int variable1;
04 int variable2;
05 }


06 public void method1(int _variable1 = variable1)
07 {
08 variable1 = _variable1;
09 }

10 public int method2()
11 {
12
13 return variable2;
14 }


15 public class Class2
16 {
17 }

18 public void method3(Class1 class1Obj)
19 {
20 int variable3;

21
22 }
```

Method l and method2 are in Class l. Method3 is in Class2.
You need to set variablel for class l Obj to a value of 5.
Which code segment should you insert at line 21?

A. classl Obj.methodl(5);
B. new Classl( ).methodl(5);

C. classl Obj.variable1 = 5;
D. this. variable l =5:

Answer: A

Question: 79

You have a table named Table1 that contains the information from a sales invoice.
For Table1, you need to create a method named Tax Amount that will return the total amount of tax for the invoice.
The method will be used in a report to show the tax amount information.
Which type of method should you use?

A. Static
B. Accessor
C. Main
D. display

Answer: A

Question: 80

You need to identify which elements a job can contain.
Which two elements should you identify? Each correct answer presents part of the solution.

A. Embedded methods
B. Variable declarations
C. Class instantiations
D. Events

Answer: A, B

Question: 81

You need to extract the last three characters from the string value of 122018 by using X++ code.
Which two code segments achieve this goal? Each correct answer presents a complete solution.

A. = substr('122018', 0,3)
B. = substr('122018', 4,3)
C. = substr('122018', 6,-3)
D. = str2num('122018', 3)
E. = str2num('122018', -3)

Answer: B, C

Question: 82

You write the following X + +code: (Line numbers are included for reference only.)

```
01 CustTable custTable;
02 try
03 {
04   custTable.AccountNum = "123";
05   custTable.CustGroup = "20";
06   custTable.Currency = "USD";
07   custTable.insert();
08 }
09
```

You need to handle the deadlock exception and the error exception.
Which code segment should you insert at line 09?

A. catch(Exception::deadlock)
catch(Exception::error)
info("Exception occurred");
B. catch(Exception)
info("Exception occurred");
}
C. catch(Exception::deadlock)
info("Exception occurred");
catch(Exception::error)
info("Exception occurred");
D. catch(Exception::deadlock. Exception::error)
info("Exception occurred");

Answer: A

Question: 83

You have the following X++ statement:

```
Int variableA, variableB;
Int _parameter = 3;

Try
{
  while(variableA < _parameter)
  {
    if(variableA == 1)
    {
      break;
    }
    else if(variableA > 2)
      {
        throw error("Variable2 cannot have value greater than 2.");
      }
    variableA++;
    }
  if(variableB < variableA)
  {
    error("Wrong value of variableB variable.");
  }
}

Catch (Exception::Error)
{
  error("Process was aborted.");
}

Catch (Exception::Break)
{
  error("Process was cancelled.");
}
```

You need to identify the output of the statement.
What should you identify?

A. Process was cancelled.
Wrong value of variable B variable.
B. Wrong value of variable B variable.
C. Variable2 cannot have value greater than 2.
Process was aborted.
D. Wrong value of variable B variable.
Process was cancelled.

Answer: B

Question: 84

You are developing a solution that will delete some records from a specific table.
You need to add a button that has delete logic on a Click event. Users must be prompted for input in the form of Yes or No before executing the delete operation.
What are two possible communication tools you can use to achieve this goal? Each correct answer presents a complete solution.

A. Warning Boxes
B. Print, pause
C. Dialog boxes
D. Warning Info log
E. Error Info log

Question: 85

You plan to import a .xpo file to Dynamics AX.
You need to identify which changes the .xpo code will make to the Dynamics AX environment prior to importing the .xpo file,
Which tool should you use?

A. The Compare tool
B. The Code profiler
C. The X++ compiler
D. The Tracing cockpit

Answer: A

Question: 86

You have the following X++ statement:

```
Int counter;

For(counter = 1; counter<10; counter+=3)
{
    Print strfmt("%1", counter);
    Counter--;
}
Pause;
```

You need to identify the output of the statement.
What should you identify?

A. 1
3
5
7
9
B. 0
3
6
9
C. 1
4
7
10
D. 0
1
3
6
9

Answer: C

Question: 87

You have a process that throws an Update Conflict exception.
You need to identify a possible cause of the exception.
What should you identify?

A. The security for the table in which the record resides was changed between the time you selected the record for update and the time you attempted to change the record.
B. a new record was inserted in the table between the time you selected the record for update and the time you attempted to change the record.
C. The table in which the record resides was renamed between the time you selected the record for update and the time you attempted to change the record.
D. The record changed between the time you selected the record for update and the time you attempted to change the record.

Answer: D

Question: 88

Which two statements accurately describe the characteristics of X++?

A. Performs automatic garbage collection
B. Performs runtime checking
C. Supports method overloading
D. Supports explicit programmer-defined pointer data types

Answer: A, B

Question: 89

You have the following X++ code: (Line numbers are included for reference only.)

```
01 public class Class1
02 {
03 int var1;
04 }

05 public void method1()
06 {
07 var1 = 5;
08 }

09 public void method2()
10 {
11 var1 = 10;
12 }

13 public class Class2
14 {
15 }

16 public void method3()
17 {
18 Class1 c1 = new Class1();
19 Class1 c2 = new Class1();
20 c1.method1();
21 c2.method2();
22
23 info("done");
24 }
```

Method l and method2 are in Class l. Method3 is in Class2.
You need to identify the value of var l for the cl object when the execution of the code reaches line 22.
Which value should you identify?

A. 10
B. Undefined
C. 0
D. 5

Answer: D

Question: 90

You are developing a solution to get a date as an input to perform an operation. The input will be in a variable named input Date.
You need to validate the date and throw an error if the date entered is null or greater than the current system date.
Which X++ statement should you use?
Exhibit A.

```
If(InputDate != datenull())
{
    Throw error("Wrong selection of date");
}
If(inputDate > systemDateGet())
{
    Throw error("Wrong selection of date");
}
```

Exhibit B.

```
If(InputDate != datenull())
{
    Throw error("Wrong selection of date");
}
Else If(inputDate > systemDateGet())
{
    Throw error("Wrong selection of date");
}
```

Exhibit C.

```
If(InputDate != datenull())
{
    Throw error("Wrong selection of date");
    If(inputDate > systemDateGet())
    {
        Throw error("Wrong selection of date");
    }
}
```

Exhibit D.

```
If(InputDate == datenull() || inputDate > systemDateGet())
{
    Throw error("Wrong selection of date");
}
```

Answer: D