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**Solomon 6.0 Tools for Visual Basic
MB4-213**

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Question: 1

There are important differences between a normal level and a detail level. What statements are true about a detail level?

- A - The detail level must always be implemented using a spreadsheet control.
- B - The detail level is not always implemented using a spreadsheet control.
- C - More than one record can be retrieved from the database and displayed at one time.
- D - Only one copy of a record is displayed from the database. The user must commit or abandon changes before moving to another record.

Answer: A, C

Question: 2

When adding new tables to the Solomon database, which restrictions must you follow?

- A - Table names must not contain spaces.
- B - Table names must not begin with a number.
- C - Table names can not be longer than 8 characters
- D - Table names must contain a special character.

Answer: A, B

Question: 3

Which property of a control is used to tell the kernel that it is a key field?

- A - default
- B - level
- C - tag
- D - DBNav

Answer: B

Question: 4

The Solomon kernel is designed to automatically manage the unique identity of records in a detail level by which of the following methods?

- A - By the tab sequence of the fields in the spreadsheet.
- B - By locating the definition of the primary index on the table in the database and then automatically enforcing that rule in the user interface.
- C - By the ordinal position in which the user entered the records into the spreadsheet.
- D - By one or more key fields which are visible in the spreadsheet.

Answer: C, D

Question: 5

Which statement is true about Record Maintenance?

- A - This utility program actually creates new tables in the Solomon database.
- B - This utility is used to define the following properties of a table: Name, Fields and Indexes.
- C - This utility allows a developer to define the names of new tables. It does not actually create tables in the Solomon database.
- D - This utility reads the actual database schema from the Solomon database and displays all actual tables in that database except for MS SQL system tables.

Answer: C

Question: 6

What utility can be used to create text files which contain VB Code and SQL statements that will create a table? The extensions of the two files created will be “DH” and “CRT”.

- A - Generate Schema
- B - Record Maintenance
- C - Parent.exe
- D - Field Maintenance

Answer: A

Question: 7

Occasionally, data displayed in a field on a window will appear in a different format than what is shown when viewed directly from the database. What property can be checked and/or changed so the data is converted and displayed with the correct format?

- A - Fieldclass
- B - Fieldname
- C - Default
- D - Mask

Answer: A, D

Question: 8

When the Solomon application is launched, which main programs are started

- A - Visual Basic
- B - Parent.exe
- C - Kernel
- D - Customization Manager

Answer: B, C

Question: 9

In order for the Kernel to be able to manage records in the database, data must be broken into logically related groups. What term is used to refer to these groups?

- A - data groups
- B - related records
- C - levels
- D - groupies

Answer: C

Question: 10

What conditions would require a SetAddr call?

- A - If the Solomon Kernel will be responsible for managing the buffer as the primary table for a level.
- B - If controls for displaying and updating fields of the buffer are needed.
- C - If you wish to expose the variable for access through Customization Manager.
- D - If you wish to expose the variable for access through Record Maintenance.

Answer: A, B, C

Question: 11

What type of container object must be used to contain the data controls and grid controls for a detail level?

- A - Standard Visual Basic Frame control
- B - Standard Visual Basic Tab control
- C - SAF Container control
- D - Any container type control can be used

Answer: B

Question: 12

Once the user chooses a company from the Login screen they will be connected to two databases, an application and system database. What type of information is contained in the System Database?

- A - Product Registration
- B - Accounting Information
- C - Customizations
- D - Users and Groups

Answer: A, C, D

Question: 13

When a user moves to a line in a grid, the kernel triggers a LineGotFocus event in the Solomon

Tools for Visual Basic program. What best describes the purpose of the information that the kernel passes to this event via the MaintFlg parameter?

- A - The value indicates the status of the line the user just moved to.
- B - The value indicates the status of the line the user just left.
- C - The value indicates the status of the logical level the grid is associated with.
- D - The value indicates whether the user interface is currently in “grid view” or “form view”.

Answer: A

Question: 14

What is true when working with a spreadsheet control?

- A - It must be placed into a container.
- B - It must be the same size as the container.
- C - The Kernel will format the control at run time.
- D - The Name property of the spreadsheet control must match the name used in the Detail setup call.

Answer: A, C, D

Question: 15

Solomon uses a standard naming convention for many files used during development. Which file extension is used for SQL script files that contain CREATE INDEX statements?

- A - CRT
- B - CRX
- C - CRP
- D - CSV

Answer: B

Question: 16

Although these are not requirements, what are common programming practices when starting a new Tools for Visual Basic project?

- A - Name the VBP file and the FRM file the same as the seven character screen number for the program being created.
- B - Do not overwrite the template files.
- C - Save the VBP file and the FRM file in the newly created development directory.
- D - Contact Microsoft Business Solutions to request ID numbers and table names for any new tables you will be adding to the database.

Answer: A, B, C

Question: 17

By default, setting this property will tell the Kernel to validate any data entered into a field and force the user to only enter valid values.

- A - DBNav
- B - FieldName
- C - PV
- D - Default

Answer: C

Question: 18

How many table joins is the DetailSetup call designed to handle?

- A - 1
- B - 2
- C - 3
- D - 4

Answer: D

Question: 19

When working with unbound controls, which statements are true?

- A - Unbound controls should never have a value in their level property to associate them with a level.
- B - Standard VB controls do not support standard Solomon functionality, such as F3 lookups.
- C - Unbound controls are bound to a field in the database.
- D - Unbound controls must be attached or associated with a buffer variable.

Answer: B, D

Question: 20

When the user hits the F3 function key on a field that has a PV property, where does the kernel get the information needed to determine what should be included in the Possible Values window?

- A - The Kernel executes an sp_columns SQL stored procedure to get the list of fields of the tables used in the stored procedure named in the PV property of the control
- B - The Kernel reads the PVRFC.csv file in the DB\CVS fold of the Solomon install directory which contains the definition of the possible values window.
- C - The Kernel retrieves a record of the PVREC table in the Solomon system database which contains the definition of the possible values window.
- D - The Kernel does not automatically create the possible values window. Its the VB programmer's responsibility to create the window and display that window when the F3 event fires

Answer: C

Question: 21

What value will be stored in the buffer variable attached to a Solomon Tools check box control when the user sets the control to “checked”?

- A - The buffer variable will be set to the number 1
- B - The buffer variable will be set to the number-1
- C - The buffer variable will be set to what ever value is assign to the “True Text” property of the control
- D - The buffer variable will be set to the word “TRUE” if the variable is a string, it will be set to-1 if the variable is an integer

Answer: C

Question: 22

What must be done to set up a database side cursor to be used for a new level?

- A - The database server must be told to create the cursor.
- B - The Solomon Kernel needs to be told that the cursor being created is to be used for the level being added.
- C - The handle to the cursor must be stored in the global variable created for it.
- D - The file containing the bitmap image that defines what the cursor should look like on screen must be added to the VB project.

Answer: A, B, C

Question: 23

What is a true statement when dealing with a “NOLEVEL” buffer?

- A - You cannot have a “NOLEVEL” buffer.
- B - The buffer is not part of any level.
- C - The Kernel is responsible for a “NOLEVEL” buffer.
- D - The programmer is responsible for a “NOLEVEL” buffer.

Answer: B, D

Question: 24

Which programs are used to manage the data that Dictionary Browser uses to created controls on a VB form?

- A - Field Maintenance
- B - Generate Schema
- C - DB Update
- D - Record Maintenance

Answer: A, D

Question: 25

What type of information does the FieldName property contain?

- A - Level Information
- B - Declare Length and Type
- C - Struct.FieldName
- D - Field Offset Value

Answer: B, C, D

Question: 26

When the user changes the value of a field, what Tools for Visual Basic event will fire?

- A - CHK
- B - Validate
- C - PV
- D - LostFocus

Answer: A

Question: 27

By default, where does the Solomon Kernel get the SQL statement it should use for retrieving the set of records for a detail level of a program?

- A - From the PV property of the first key field in tab order for the detail level.
- B - From the PV property of the last key field in tab order for the detail level.
- C - From the DBNav property of the last key field in tab order for the detail level.
- D - From the DBNav property of the grid control associated with the detail level.

Answer: D

Question: 28

If you are adding a level that accesses an existing Solomon table, most likely a stored procedure will already have been created to support possible values lookups for that table. What file would you search to locate a suitable stored procedure?

- A - PVREC.csv
- B - PVREC.crt
- C - PVREC.crp
- D - PVREC.glb

Answer: A

Question: 29

Which property of a Solomon data control must be populated in order for the control to display the data stored in a buffer value?

- A - DBNav
- B - FieldName
- C - Heading
- D - PV

Answer: B

Question: 30

Which API function call can be used to redisplay the current contents of a buffer variable in the controls bound to that buffer?

- A - DispField()
- B - DispFields()
- C - RefreshField()
- D - RefreshFields()

Answer: A, B

Question: 31

What are common memory array functions used for the Solomon application?

- A - MoveFirst
- B - MoveNext
- C - Mfirst
- D - Mupdate

Answer: C, D

Question: 32

When working with Solomon reports, which statements are true?

- A - In order to print a report from the menu or from the program, a record must exist in the RptControl table.
- B - By locating the definition of the primary index on the table in the database and then automatically enforcing that rule in the user interface
- C - At least one report format must be defined for each report number in the Report Control Maintenance program.
- D - The report number is the unique identifier for the RPTControl record.

Answer: A, C, D

Question: 33

Which of the following methods can be used to open a subform of a Solomon program using the Solomon Object Model?

- A - Call the "DispForm" method of the SIVToolBar object and pass the name of the form object to

be displayed

B - Using the control name of the button control on the user interlace that opens the subform as the index to the Controls collection, set the value property of that control to TRUE.

C - Call the “DispForm” method of the SIVApplication object and pass the name of the form object to be displayed

D - Subforms can not be accessed using the Solomon Object Model

Answer: B

Question: 34

The Status function and the process status form are designed to manage and/or implement which of the following functions that commonly need to be handled performing operations on multiple entities such as records a database?

A - The status function will automatically handle beginning, committing and possibly rolling back SQL transactions.

B - The Process status form, with the proper use of the Status function, provides a consistent user interface for notifying the user of what is happening during a lengthy process.

C - If the Status function is used properly, it will respond to SQL database errors that might occur during a process by automatically generating event logs that describe what error occurred and what was being processed when the error occurred.

D - The process status form automatically displays a progress bar to information user of what percentage of a process has been completed so far.

Answer: B, C

Question: 35

What program is used to assign rights to users and/or groups?

A - Access Rights Maintenance

B - Company Maintenance

C - Database Administration

D - Group Maintenance

Answer: A

Question: 36

The SetButton function has several parameters that can be identified. What do these parameters represent?

A - Which buttons should be enabled or disabled.

B - Which level should be affected.

C - If the buttons are being enabled or disabled.

D - Which buffer this call is being executed from.

Answer: A, B, C

Question: 37

If users other than the system administrator need rights to any new Tools for Visual Basic programs, the screen numbers for those programs will need to be added to the Screens table. Which of the following utility programs either in the Solomon product or the MS SQL Server product, could be used to modify existing records and insert new records into this table?

- A - Query Analyzer
- B - Database Update Utility
- C - Database Administration
- D - Record Maintenance

Answer: A, B

Question: 38

What statements are true about the Solomon menu?

- A - Commented lines begin with an asterisk (*).
- B - Lines with a string in square brackets starting the first column of the line correspond to the Toolbar main menu selections. These can be modified or deleted and new ones can be added.
- C - A ”-” character will generate a line across the menu list to identify groups of items.
- D - Lines without square brackets beginning in the fifth column below the main menu item are applications that appear in that main menu item.

Answer: A, C, D

Question: 39

What must be done in order for a program that is automating a Solomon program via the Solomon Object Model to be able to programmatically respond to warnings and error messages for the automated program?

- A - The SIVToolbar object must be declared using the With Events keyword
- B - Nothing, error messages and warnings are not generated by Solomon programs when being automated with the Solomon Object Model
- C - The SIVApplication Object must be declared using the With Events key word.
- D - Nothing, warning messages and error messages generated by the Solomon program can not be.

Answer: C

Question: 40

What is the file name of the Solomon menu?

- A - SoI4.mnu
- B - Solomon.mnu

- C - Delta.mnu
- D - Main.mnu

Answer: C

Question: 41

When working with Solomon reports, which statements are true?

- A - Using the Crystal reports design time program, new reports can be created but you cannot make changes to existing reports.
- B - The printing of a Solomon report can be initiated either from the menu or programmatically from within a program or customization.
- C - When the printing of a Solomon report is initiated, a surrogate program called RO1.exe is called which provides some preprocessing functionality and will actually launch the Crystal Reports printing engine to print the report.
- D - In order to print a Solomon report programmatically from within a Solomon tools for Visual Basic application, the Crystal Reports run time control must first be added to the Visual Basic project

Answer: B, C

Question: 42

When automating a Solomon program using the Solomon Object Model, which controls on the program are accessible via the SIVControls collection (assume the program being automated does not have any controls on it that are not supported by the Solomon Tools for Visual Basic Kernel)?

- A - Only data controls and buttons on the currently active form not including controls that were added via customization manager.
- B - Only data controls and buttons on the currently active form including controls that were not added via customization manager.
- C - All data controls and buttons in the entire program regardless of the form they are, not including controls that were added via customization manager.
- D - All data controls and buttons in the entire program regardless of the form they are, including controls that were added via customization manager.

Answer: D

Question: 43

When enabling security, which level allows you access to fields usually disabled?

- A - View
- B - Update
- C - Insert
- D - Initialization

Answer: D

Question: 44

What Solomon function can be called to disable buttons on the Toolbar?

- A - SetButton
- B - DisableButton
- C - DisableToolbar
- D - Buttons cannot be disabled on the Solomon Toolbar

Answer: A

Question: 45

When programs written using the Solomon Tools for Visual Basic are added to the Solomon security system, which of the five standard Solomon access levels can be granted to a user for those programs?

- A - All: View, Update, Insert, Delete, Initialize mode
- B - None: The standard Solomon security system only works with the set of programs that ship with the product from Microsoft
- C - Only the following: View, Update, Insert and Delete
- D - Only Initialize mode

Answer: A

Question: 46

Which two existing template files will assist you in starting a new Tools for Visual Basic project?

- A - Temp.frm
- B - Form1.frm
- C - TempVBProject.vbp
- D - VBTPProject.vbp

Answer: B, D

Question: 47

Once the user chooses a company from the Login screen they will be connected to two databases, an application and system database. What type of information is contained in the System Database?

- A - Product Registration
- B - Accounting Information
- C - Customizations
- D - Users and Groups

Answer: A, C, D

Question: 48

What does UDT stand for?

- A - User Deleted Table
- B - User Defined Table
- C - User Defined Data Type
- D - Unknown Data Type

Answer: C

Question: 49

There are important differences between a normal level and a detail level. What statements are true about a detail level?

- A - The detail level must always be implemented using a spreadsheet control.
- B - The detail level is not always implemented using a spreadsheet control.
- C - More than one record can be retrieved from the database and displayed at one time.
- D - Only one copy of a record is displayed from the database. The user must commit or abandon changes before moving to another record.

Answer: A, C

Question: 50

What program utility can be used to create needed controls and set necessary properties automatically?

- A - VB Code Inspector
- B - Add-in Manager
- C - Visual Data Manager
- D - Dictionary Browse

Answer: D

Question: 51

What conditions would require a SetAddr call?

- A - If the Solomon Kernel will be responsible for managing the buffer as the primary table for a level.
- B - If controls for displaying and updating fields of the buffer are needed.
- C - If you wish to expose the variable for access through Customization Manager.
- D - If you wish to expose the variable for access through Record Maintenance.

Answer: A, B, C

Question: 52

When the Solomon application is launched, which main programs are started

- A - Visual Basic
- B - Parent.exe
- C - Kernel
- D - Customization Manager

Answer: B, C

Question: 53

What type of container object must be used to contain the data controls and grid controls for a detail level?

- A - Standard Visual Basic Frame control
- B - Standard Visual Basic Tab control
- C - SAF Container control
- D - Any container type control can be used

Answer: B

Question: 54

When a user moves to a line in a grid, the kernel triggers a LineGotFocus event in the Solomon Tools for Visual Basic program. What best describes the purpose of the information that the kernel passes to this event via the MaintFlg parameter?

- A - The value indicates the status of the line the user just moved to.
- B - The value indicates the status of the line the user just left.
- C - The value indicates the status of the logical level the grid is associated with.
- D - The value indicates whether the user interface is currently in “grid view” or “form view”.

Answer: A

Question: 55

What happens when the “wildcard” checkbox is marked on the DBNav property page?

- A - Tells the Kernel to pass a wildcard value when it needs to load records.
- B - Tells the kernel to pass the value found in the Struct.FieldName when it needs to save the records.
- C - Tells the Kernel to pass the value found in the Struct.FieldName when it needs to load records.
- D - There is no “wildcard” checkbox on the DBNav property page.

Answer: A, B

Question: 56

Occasionally, data displayed in a field on a window will appear in a different format than what is

shown when viewed directly from the database. What property can be checked and/or changed so the data is converted and displayed with the correct format?

- A - Fieldclass
- B - Fieldname
- C - Default
- D - Mask

Answer: A, D

Question: 57

The Solomon kernel is designed to automatically manage the unique identity of records in a detail level by which of the following methods?

- A - By the tab sequence of the fields in the spreadsheet.
- B - By locating the definition of the primary index on the table in the database and then automatically enforcing that rule in the user interlace.
- C - By the ordinal position in which the user entered the records into the spreadsheet.
- D - By one or more ey?fields which are visible in the spreadsheet.

Answer: C, D

Question: 58

Which statement is not a true statement when discussing how records are retrieved from the DBMS?

- A - Tools for Visual Basic programs directly access and update the data in the database.
- B - Records are retrieved from the database through the kernel and a copy of the record is stored in memory.
- C - In the context of Tools for Visual Basic development, variables used to hold records retrieved from a SQL select statement are call "buffers".
- D - The structure of the buffer must match the structure of the data being retrieved from the database.

Answer: A

Question: 59

When working with a detail level of a spreadsheet control, where will the Kernel look to find the stored procedure used to retrieve the records from the database?

- A - DBNav properly
- B - PV property
- C - FieldName property
- D - Index property

Answer: A

Question: 60

Generate schema can be used to create files with a CRT extension that contain SQL create table statements. What can be used to execute these SQL script statements?

- A - Record Maintenance
- B - QueryAnalyzer
- C - Database Update
- D - Field Maintenance

Answer: B, C

Question: 61

How many table joins is the DetailSetup call designed to handle?

- A - 1
- B - 2
- C - 3
- D - 4

Answer: D

Question: 62

What is a true statement when dealing with a “NOLEVEL” buffer?

- A - You cannot have a “NOLEVEL” buffer.
- B - The buffer is not part of any level.
- C - The Kernel is responsible for a “NOLEVEL” buffer.
- D - The programmer is responsible for a “NOLEVEL” buffer.

Answer: B, D

Question: 63

What type of information does the FieldName property contain?

- A - Level Information
- B - Declare Length and Type
- C - Stuct.FieldName
- D - Field Offset Value

Answer: B, C, D

Question: 64

What term is used in the Solomon Tools for Visual Basic to define a logically related group of information that can be managed by the Solomon Kernel?

- A - Buffer
- B - SAFContainer
- C - form
- D - level

Answer: D

Question: 65

If you are adding a level that accesses an existing Solomon table, most likely a stored procedure will already have been created to support possible values lookups for that table. What file would you search to locate a suitable stored procedure?

- A - PVREC.csv
- B - PVREC.crt
- C - PVREC.crp
- D - PVREC.glb

Answer: A

Question: 66

By default, where does the Solomon Kernel get the SQL statement it should use for retrieving the set of records for a detail level of a program?

- A - From the PV property of the first key field in tab order for the detail level.
- B - From the PV property of the last key field in tab order for the detail level.
- C - From the DBNav property of the last key field in tab order for the detail level.
- D - From the DBNav property of the grid control associated with the detail level.

Answer: D

Question: 67

Although these are not requirements, what are common programming practices when starting a new Tools for Visual Basic project?

- A - Name the VBP file and the FIRM file the same as the seven character screen number for the program being created.
- B - Do not overwrite the template files.
- C - Save the VBP file and the FIRM file in the newly created development directory.
- D - Contact Microsoft Business Solutions to request ID numbers and table names for any new tables you will be adding to the database.

Answer: A, B, C

Question: 68

When the user hits the F3 function key on a field that has a PV property, where does the kernel get the information needed to determine what should be included in the Possible Values window?

- A - The Kernel executes an sp_columns SQL stored procedure to get the list of fields of the tables used in the stored procedure named in the PV property of the control
- B - The Kernel reads the PVREC.csv file in the DB\CVS fold of the Solomon install directory which contains the definition of the possible values window.
- C - The Kernel retrieves a record of the PVREC table in the Solomon system database which contains the definition of the possible values window.
- D - The Kernel does not automatically create the possible values window. It's the VB programmer's responsibility to create the window and display that window when the F3 event fires

Answer: C

Question: 69

When the user changes the value of a field, what Tools for Visual Basic event will fire?

- A - CHK
- B - Validate
- C - PV
- D - LostFocus

Answer: A

Question: 70

A Constant "C" level type is often used on specific types of programs. What specific types of programs are they?

- A - Process programs which have few or no data fields.
- B - Maintenance programs which require navigating though, updating, deleting and creating new record in a single logical level.
- C - Transaction programs which have more than one level
- D - Setup programs which manage tables that should only ever contain a single record.

Answer: A, D

Question: 71

By default, setting this property will tell the Kernel to validate any data entered into a field and force the user to only enter valid values.

- A - DBNav
- B - FieldName
- C - PV
- D - Default

Answer: C

Question: 72

Which property of a Solomon data control must be populated in order for the control to display the data stored in a buffer value?

- A - DBNav
- B - FieldName
- C - Heading
- D - PV

Answer: B

Question: 73

Which API function call can be used to redisplay the current contents of a buffer variable in the controls bound to that buffer?

- A - DispField()
- B - DispFields()
- C - RefreshField()
- D - RefreshFields()

Answer: A, B

Question: 74

What value will be stored in the buffer variable attached to a Solomon Tools check box control when the user sets the control to “checked”?

- A - The buffer variable will be set to the number 1
- B - The buffer variable will be set to the number -1.
- C - The buffer variable will be set to what ever value is assign to the “True Text” property of the control
- D - The buffer variable will be set to the word “TRUE” if the variable is a string, it will be set to -1 ii the variable is an integer

Answer: C

Question: 75

Which utility is used to perform an import to get the PV definition into the PVREC table of the Solomon database?

- A - Possible Values Import
- B - Possible Values Utility
- C - Import Possible Values
- D - Import PV Utility

Answer: A

Question: 76

What are common memory array functions used for the Solomon application?

- A - MoveFirst
- B - MoveNext
- C - Mfirst
- D - Mupdate

Answer: C, D

Question: 77

What Solomon function can be called to disable buttons on the Toolbar?

- A - SetButton
- B - DisableButton
- C - DisableToolbar
- D - Buttons cannot be disabled on the Solomon Toolbar

Answer: A

Question: 78

All Solomon programs must adhere to a unique naming convention. Which of these applies and is in the proper order?

- A - 2 character screen number; 2 character sub screen; 3 character module ID
- B - 3 character module ID, 2 character screen number; 2 character sub screen
- C - 2 character module ID; 3 character screen number; 2 character sub screen
- D - 2 character module ID, 3 character screen number, 3 character sub screen

Answer: C

Question: 79

If users other than the system administrator need rights to any new Tools for Visual Basic programs, the screen numbers for those programs will need to be added to the Screens table. Which of the following utility programs either in the Solomon product or the MS SQL Server product, could be used to modify existing records and insert new records into this table?

- A - QueryAnalyzer
- B - Database Update Utility
- C - Database Administration
- D - Record Maintenance

Answer: A, B

Question: 80

When working with Solomon reports, which statements are true?

A - In order to print a report from the menu or from the program, a record must exist in the RptControl table.

B - By locating the definition of the primary index on the table in the database and then automatically enforcing that rule in the user interlace.

C - At least one report format must be defined for each report number in the Report Control Maintenance program.

D - The report number is the unique identifier for the RPTControl record.

Answer: A, C, D

Question: 81

What property in the Visual basic program is compared to the executable file name and if it does not match, the program is terminated?

A - Name

B - Caption

C - Window State

D - Tag

Answer: B

Question: 82

The SetButton function has several parameters that can be identified. What do these parameters represent?

A - Which buttons should be enabled or disabled.

B - Which level should be affected.

C - If the buttons are being enabled or disabled.

D - Which buffer this call is being executed from.

Answer: A, B, C

Question: 83

Which Solomon table determines the options and formats of how a report will be displayed?

A - PCI

B - RptControl

C - RptExtra

D - RptRuntime

Answer: B

Question: 84

When automating a Solomon program using the Solomon Object Model, which controls on the program are accessible via the SIVcontrols collection (assume the program being automated does not have any controls on it that are not supported by the Solomon Tools for Visual Basic

kernel)?

A - Only data controls and buttons on the currently active form not including controls that were added via customization manager.

B - Only data controls and buttons on the currently active form including controls that were not added via customization manager.

C - All data controls and buttons in the entire program regardless of the form they are, not including controls that were added via customization manager.

D - All data controls and buttons in the entire program regardless of the form they are, including controls that were added via customization manager.

Answer: D

Question: 85

Which of the following methods can be used to open a sub-form of a Solomon program using the Solomon Object Model?

A - Call the “DispForm” method of the SIVToolBar object and pass the name of the form object to be displayed

B - Using the control name of the button control on the user interface that opens the subform as the index to the Controls collection, set the value property of that control to TRUE.

C - Call the “DispForm” method of the SIVApplication object and pass the name of the form object to be displayed

D - Subforms can not be accessed using the Solomon Object Model

Answer: B

Question: 86

What is the file name of the Solomon menu?

A - So14.mnu

B - Solomon.mnu

C - Deltamnu

D - Main.mnu

Answer: C

Question: 87

When working with Solomon reports, which statements are true?

A - Using the Crystal reports design time program, new reports can be created but you cannot make changes to existing reports.

B - The printing of a Solomon report can be initiated either from the menu or programmatically from within a program or customization.

C - When the printing of a Solomon report is initiated, a surrogate program called ROl.exe is called which provides some preprocessing functionality and will actually launch the Crystal

Reports printing engine to print the report.

D - In order to print a Solomon report programmatically from within a Solomon tools for Visual Basic application, the Crystal Reports run time control must first be added to the Visual Basic project

Answer: B, C

Question: 88

The Status function and the process status form are designed to manage and/or implement which of the following functions that commonly need to be handled performing operations on multiple entities such as records a database?

A - The status function will automatically handle beginning, committing and possibly rolling back SQL transactions.

B - The Process status form, with the proper use of the Status function, provides a consistent user interface for notifying the user of what is happening during a lengthy process.

C - If the Status function is used properly, it will respond to SQL database errors that might occur during a process by automatically generating event logs that describe what error occurred and what was being processed when the error occurred.

D - The process status form automatically displays a progress bar to information user of what percentage of a process has been completed so far.

Answer: B, C

Question: 89

The ROL.exe accepts several different command line switches to allow programs to pass necessary information to the executable to print the desired report. Which switch passes the report number that is used by ROL.exe to retrieve the correct record from the RptControl table?

A - /RUN

B - /FORMAT

C - IWHERE

D - /PSCRN

Answer: A

Question: 90

What statements are true about the Solomon menu?

A - Commented lines begin with an asterisk (*).

B - Lines with a string in square brackets starting the first column of the line correspond to the Toolbar main menu selections. These can be modified or deleted and new ones can be added.

C - A character will generate a line across the menu list to identify groups of items.

D - Lines without square brackets beginning in the fifth column below the main menu item are applications that appear in that main menu item.

Answer: A, C, D

Question: 91

Which statement is true about Record Maintenance?

- A - This utility program actually creates new tables in the Solomon database.
- B - This utility is used to define the following properties of a table: Name, Fields and Indexes.
- C - This utility allows a developer to define the names of new tables. It does not actually create tables in the Solomon database.
- D - This utility reads the actual database schema from the Solomon database and displays all actual tables in that database except for MS SQL system tables.

Answer: C

Question: 92

What conditions would require a SetAddr call?

- A - If the Solomon Kernel will be responsible for managing the buffer as the primary table for a level.
- B - If controls for displaying and updating fields of the buffer are needed.
- C - If you wish to expose the variable for access through Customization Manager.
- D - If you wish to expose the variable for access through Record Maintenance.

Answer: A, B, C

Question: 93

What does UDT stand for?

- A - User Deleted Table
- B - User Defined Table
- C - User Defined Data Type
- D - Unknown Data Type

Answer: C

Question: 94

When working with a detail level of a spreadsheet control, where will the Kernel look to find the stored procedure used to retrieve the records from the database?

- A - DBNav property
- B - PV property
- C - FieldName property
- D - Index property

Answer: A

Question: 95

What is true when working with a spreadsheet control?

- A - It must be placed into a container.
- B - It must be the same size as the container.
- C - The kernel will format the control at run time.
- D - The name property of the spreadsheet control must match the name used in the Detail setup call.

Answer: A, C, D

Question: 96

What program utility can be used to create needed controls and set necessary properties automatically?

- A - VB Code Inspector
- B - Add-in Manager
- C - Visual Data Manager
- D - Dictionary Browse

Answer: D

Question: 97

When the Solomon application is launched, which main programs are started

- A - Visual Basic
- B - Parent.exe
- C - Kernel
- D - Customization Manager

Answer: B, C

Question: 98

Generate schema can be used to create files with a CRT extension that contain SQL create table statements. What can be used to execute these SQL script statements?

- A - Record Maintenance
- B - QueryAnalyzer
- C - Database Update
- D - Field Maintenance

Answer: B, C

Question: 99

What happens when the “wildcard” checkbox is marked on the DBNav property page?

- A - Tells the Kernel to pass a wildcard value when it needs to load records.
- B - Tells the kernel to pass the value found in the Struct.FieldName when it needs to save the records.
- C - Tells the kernel to pass the value found in the Struct.fieldname when it needs to load records.
- D - There is no “wildcard” checkbox on the DBNav property page.

Answer: A, B

Question: 100

What are the main steps in creating a Tools for Visual Basic program?

- A - Set security so users have access to programs created using Tools for Visual Basic.
- B - Create certain required objects in the database such as Tables, indexes and procedures.
- C - Write your program using Visual Basic and Solomon Tools for Visual Basic.
- D - Set up a development environment with a directory to hold the files for your projects.

Answer: B, C, D

Question: 101

When a user moves to a line in a grid, the kernel triggers a LineGotFocus event in the Solomon Tools for Visual Basic program. What best describes the purpose of the information that the kernel passes to this event via the MaintFlg parameter?

- A - The value indicates the status of the line the user just moved to.
- B - The value indicates the status of the line the user just left.
- C - The value indicates the status of the logical level the grid is associated with.
- D - The value indicates whether the user interface is currently in “grid view” or “form view”.

Answer: A

Question: 102

When adding new tables to the Solomon database which restrictions must you follow?

- A - Table names must not contain spaces.
- B - Table names must not begin with a number.
- C - Table names can not be longer than characters
- D - Table names must contain a special character.

Answer: A, B

Question: 103

Once the user chooses a company from the Login screen they will be connected to two databases, an application and system database. What type of information is contained in the System Database?

- A - Product Registration
- B - Accounting Information
- C - Customizations
- D - Users and Groups

Answer: A, C, D

Question: 104

Which two existing template files will assist you in starting a new Tools for Visual Basic project?

- A - Temp.frm
- B - Form1.frm
- C - TempVBProject.vbp
- D - VBTProject.vbp

Answer: B, D

Question: 105

In order for the Kernel to be able to manage records in the database, data must be broken into logically related groups. What term is used to refer to these groups?

- A - data groups
- B - related records
- C - levels
- D - groupies

Answer: C

Question: 106

Although these are not requirements, what are common programming practices when starting a new Tools for Visual Basic project?

- A - Name the VBP file and the FRM file the same as the seven character screen number for the program being created.
- B - Do not overwrite the template files.
- C - Save the VBP file and the FRM file in the newly created development directory,
- D - Contact Microsoft Business Solutions to request ID numbers and table names for any new tables you will be adding to the database.

Answer: A, B, C

Question: 107

When the user changes the value of a field, what Tools for Visual Basic event will fire?

- A - CHK
- B - Validate

C - PV
D - LostFocus

Answer: A

Question: 108

How many tables per level is the Solomon Kernel designed to manage automatically?

A - 1
B - 2
C - 3
D - unlimited

Answer: A

Question: 109

What must be done to set up a database side cursor to be used for a new level?

A - The database server must be told to create the cursor.
B - The Solomon Kernel needs to be told that the cursor being created is to be used for the level being added.
C - The handle to the cursor must be stored in the global variable created for it.
D - The file containing the bitmap image that defines what the cursor should look like on screen must be added to the VB project.

Answer: A, B, C

Question: 110

What is a true statement when dealing with a “NOLEVEL” buffer?

A - You cannot have a “NOLEVEL” buffer.
B - The buffer is not part of any level.
C - The Kernel is responsible for a “NOLEVEL” buffer.
D - The programmer is responsible for a “NOLEVEL” buffer.

Answer: B, D

Question: 111

Which API function call can be used to redisplay the current contents of a buffer variable in the controls bound to that buffer?

A - DispField()
B - DispFields()
C - RefreshField()
D - RefreshFields()

Answer: A, B

Question: 112

When the user hits the F3 function key on a field that has a PV property, where does the kernel get the information needed to determine what should be included in the Possible Values window?

- A - The Kernel executes an sp_columns SQL stored procedure to get the list of fields of the tables used in the stored procedure named in the PV property of the control
- B - The Kernel reads the PVREC.csv file in the DB\CVS fold of the Solomon install directory which contains the definition of the possible values window.
- C - The Kernel retrieves a record of the PVREC table in the Solomon system database which contains the definition of the possible values window.
- D - The Kernel does not automatically create the possible values window. It's the VB programmer's responsibility to create the window and display that window when the F3 event fires

Answer: C

Question: 113

What does Solomon call a field that exists on a window but is not a field from any table in the database?

- A - Unbound Control
- B - Floating Control
- C - Floating Field
- D - Unbound Field

Answer: A

Question: 114

Which property of a Solomon data control must be populated in order for the control to display the data stored in a buffer value?

- A - DBNav
- B - FieldName
- C - Heading
- D - PV

Answer: B

Question: 115

Which programs are used to manage the data that Dictionary Browser uses to create controls on a YB form?

- A - Field Maintenance
- B - Generate Schema

C - DB Update
D - Record Maintenance

Answer: A, D

Question: 116

By default, setting this property will tell the Kernel to validate any data entered into a field and force the user to only enter valid values.

A - DBNav
B - FieldName
C - PV
D - Default

Answer: C

Question: 117

A Constant "C" level type is often used on specific types of programs. What specific types of programs are they?

A - Process programs which have few or no data fields.
B - Maintenance programs which require navigating through, updating, deleting and creating new record in a single logical level.
C - Transaction programs which have more than one level
D - Setup programs which manage tables that should only ever contain a single record.

Answer: A, D

Question: 118

Since levels are responsible for managing data retrieval and updating, what does each level require that must be stored in a global variable in the program?

A - Handle to the Cursor
B - Levels
C - Variables
D - Normal Level

Answer: A

Question: 119

Which utility is used to perform an import to get the PV definition into the PVREC table of the Solomon database?

A - Possible Values Import
B - Possible Values Utility
C - Import Possible Values
D - Import PV Utility

Answer: A

Question: 120

What type of information does the FieldName property contain?

- A - Level Information
- B - Declare Length and Type
- C - Struct.FieldName
- D - Field Offset Value

Answer: B, C, D

Question: 121

If users other than the system administrator need rights to any new Tools for Visual Basic programs, the screen numbers for those programs will need to be added to the Screens table. Which of the following utility programs either in the Solomon product or the MS SQL Server product, could be used to modify existing records and insert new records into this table?

- A - QueryAnalyzer
- B - Database Update Utility
- C - Database Administration
- D - Record Maintenance

Answer: A, B

Question: 122

All Solomon programs must adhere to a unique naming convention. Which of these applies and is in the proper order?

- A - 2 character screen number; 2 character sub screen; 3 character module ID
- B - 3 character module ID; 2 character screen number; 2 character sub screen
- C - 2 character module ID; 3 character screen number; 2 character sub screen
- D - 2 character module ID; 3 character screen number; 3 character sub screen

Answer: C

Question: 123

What program is used to assign rights to users and/or groups?

- A - Access Rights Maintenance
- B - Company Maintenance
- C - Database Administration
- D - Group Maintenance

Answer: A

Question: 124

What Solomon function can be called to disable buttons on the Toolbar?

- A - SetButton
- B - DisableButton
- C - DisableToolbar
- D - Buttons cannot be disabled on the Solomon Toolbar

Answer: A

Question: 125

The Status function and the process status form are designed to manage and/or implement which of the following functions that commonly need to be handled performing operations on multiple entities such as records a database?

- A - The status function will automatically handle beginning, committing and possibly rolling back SQL transactions.
- B - The Process status form, with the proper use of the Status function, provides a consistent user interface for notifying the user of what is happening during a lengthy process.
- C - If the Status function is used properly, it will respond to SQL database errors that might occur during a process by automatically generating event logs that describe what error occurred and what was being processed when the error occurred.
- D - The process status form automatically displays a progress bar to information user of what percentage of a process has been completed so far.

Answer: B, C

Question: 126

Which of the following methods can be used to open a sub-form of a Solomon program using the Solomon Object Model?

- A - Call the “DispForm” method of the SIVToolBar object and pass the name of the form object to be displayed
- B - Using the control name of the button control on the user interface that opens the subform as the index to the Controls collection, set the value property of that control to TRUE.
- C - Call the “DispForm” method of the SIVApplication object and pass the name of the form object to be displayed
- D - Subforms can not be accessed using the Solomon Object Model

Answer: B

Question: 127

By default, setting this property will tell the Kernel to validate any data entered into a field and force the user to only enter valid values.

- A - DBNav

- B - FieldName
- C - PV
- D - Default

Answer: B, C

Question: 128

Which Solomon table determines the options and formats of how a report will be displayed?

- A - PCI
- B - RptControl
- C - RptExtra
- D - RptRuntime

Answer: B

Question: 129

When working with the Solomon Status function, which function displays a status form with a cancel button and a timer showing elapsed time?

- A - Status(StartProcess,false,,0)
- B - Status(EndProcess,false,,0)
- C - Status(StopProcess,false,,0)
- D - Status(Any error code from the Solomon message table)

Answer: A

Question: 130

The SetButton function has several parameters that can be identified. What do these parameters represent?

- A - Which buttons should be enabled or disabled.
- B - Which level should be affected.
- C - If the buttons are being enabled or disabled.
- D - Which buffer this call is being executed from.

Answer: A, B, C

Question: 131

When enabling security, which level allows you access to fields usually disabled?

- A - View
- B - Update
- C - Insert
- D - Initialization

Answer: D

Question: 132

When automating a Solomon program using the Solomon Object Model, which controls on the program are accessible via the SIVControls collection (assume the program being automated does not have any controls on it that are not supported by the Solomon Tools for Visual Basic Kernel)?

- A - Only data controls and buttons on the currently active form not including controls that were added via customization manager.
- B - Only data controls and buttons on the currently active form including controls that were not added via customization manager.
- C - All data controls and buttons in the entire program regardless of the form they are, not including controls that were added via customization manager.
- D - All data controls and buttons in the entire program regardless of the form they are, including controls that were added via customization manager.

Answer: D

Question: 133

What are common memory array functions used for the Solomon application?

- A - MoveFirst
- B - MoveNext
- C - Mfirst
- D - Mupdate

Answer: C, D

Question: 134

What must be done in order for a program that is automating a Solomon program via the Solomon Object Model to be able to programmatically respond to warnings and error messages for the automated program?

- A - The SIVToolbar object must be declared using the With Events keyword
- B - Nothing, error messages and warnings are not generated by Solomon programs when being automated with the Solomon Object Model
- C - The SIVApplication Object must be declared using the With Events key word.
- D - Nothing, warning messages and error messages generated by the Solomon program can not be

Answer: C

Question: 135

What statements are true about the Solomon menu?

A - Commented lines begin with an asterisk (*).

B - Lines with a string in square brackets starting the first column of the line correspond to the Toolbar main menu selections. These can be modified or deleted and new ones can be added.

C - A”-” character will generate a line across the menu list to identify groups of items.

D - Lines without square brackets beginning in the fifth column below the main menu item are applications that appear in that main menu item.

Answer: A, C, D