

# **Oracle**

Exam 1z0-151

Oracle Fusion Middleware 11g: Build Applications with Oracle Forms

Version: 7.0

[ Total Questions: 90 ]

## **Question No: 1**

When users enter address information, you want them to be able to select the state from a static list of values. You have not used a list of states before, and there is no database table that contains state information.

What is the first step in creating such a list of values as quickly as possible?

- **A.** invoke the LOV wizard.
- **B.** Create a new record group that is based on a SQL query.
- **C.** Create a new static record group.
- **D.** Create a list item instead; a list of values is not appropriate for a static list.

#### **Answer: A**

**Explanation:** ow to create LOV in Oracle forms?

List of Values(LOV) are used either when a selected list is too long and hence would not be appropriate for a drop down, but needs a search form to select the value.

Steps to create LOV functionality:

- \* Click on the LOV icon in the object navigator and choose a manual/automatic wizard. This will create a record group.
- \* Open a search form in the Dialog Page
- \* Select values inside this form.
- \* Return selected values to the original page.

#### **Question No: 2**

You have created an editor named MyEditor, and you want it to be available to edit the text item Product\_Description. You can associate the editor with the text item by setting the Editor property of Product\_Description to MyEditor.

- A. True
- **B.** False

**Answer: A** 

#### Question No: 3

There are certain errors that are specific to the Salary item on the Employees form. You want to trap these errors only when the user navigates from the Salary item.

You have a form-level On-Error trigger that traps errors that apply to the form in general, but you additionally code an item-level On-Error trigger for the Salary item.

When testing the form, you find that the general errors are not trapped when you navigate from the Salary item. What can you do to correct this problem?

- **A.** Call the form level On-Error trigger from the item-level On-Error trigger.
- **B.** Call the item-level On-Error trigger from the form-level On-Error trigger.
- **C.** Change the Execution Hierarchy property for the item-level On-Error trigger.
- **D.** Change the Execution Hierarchy property for the form-level On-Error trigger.
- **E.** Move all the code to a PL/SQL program unit and call it from both the form level and item level On-Error triggers.

## **Answer: C**

**Explanation:** when you have a WHEN-NEW-ITEM-INSTANCE :if you create a trigger on item, block and form-level, then only the ITEM-Level will start. If you use the exec-hierarchy Override.If all trigger use After, then the FORM, BLOCK and ITEM starts in that sequence.If all trigger use Before, then the ITEM, BLOCK and FORM starts in that sequence.the execution-hierarchy on FORM-Level is ignored, because there is no higher level than FORM

#### **Question No: 4**

You have a form that called a database stored procedure. You do not want processing to continue, so immediately after the call to the stored procedure, you add the following code:

IF NOT FORM\_SUCCESS THEN

MESSAGE ('Stored Procedure failure');

RAISE FORM\_TRIGGER\_FAILURE;

END IF;

You test the code and input some data that intentionally causes the stored procedure to fail. However, the message that you defined does not appear. What are two possible reasons for this?

- **A.** You must handle database errors in an exception clause of the trigger.
- **B.** You must test for FORM\_FAILURE when testing for failure of a stored procedure.
- **C.** You must test for FORM FATAL when testing for failure of a stored procedure.
- **D.** FORM\_SUCCESS tests for failure of Forms built-ins, not stored procedures.
- **E.** You cannot test for failure of a stored procedure, because database errors are transparent to Forms.

# Answer: A,D

**Explanation:** A: You should use DBMS\_ERROR\_CODE and DBMS\_ERROR\_TEXT in an ON-ERROR trigger to trap errors propagated from Oracle server from Forms.

Note: FORM\_SUCCESS and FORM\_TRIGGER\_FAILURE

Either the FORM\_SUCCESS built-in or the FORM\_TRIGGER\_FAILURE exception must be used to handle all Forms errors. FORM\_SUCCESS is a Boolean function that evaluates to TRUE or FALSE depending on the success or failure of a Forms built-in. FORM\_TRIGGER\_FAILURE is an exception that has to be raised to stop further processingwhenever an error occurs or FORM\_SUCCESS evaluates to FALSE. The following sections describe their use in error-message handling.

### **Question No: 5**

Identify a function of the Forms Servlet.

- **A.** It creates a dynamic HTML file.
- **B.** It starts a Forms runtime session.
- **C.** It manages network requests from the Forms Client.
- **D.** It connects to and communicates with the database server.
- **E.** It renders the Forms Services application display for the user.

**Answer: A** 

## **Question No: 6**

A user at a remote location reports a problem that occurs when the Orders; form runs and the user clicks the invoice button. You are not able to reproduce the problem, so you decide to use remote debugging.

The steps involved in diagnosing the problem are listed below, but they are ordered incorrectly. What is the correct sequence of Steps?

- 1. You set a breakpoint in the When Button-Pressed trigger for the invoice button.
- 2. The user's screen goes blank.
- 3. The user reports the host and port to you.
- 4. You uses the debugger to step through the code.
- 5. The user clicks a button that calls DEBUG.ATTACH.
- 6. You attach to the user's process.
- 7. You open the Orders.fmb file from which the running .fmx was generated.
- 8. The user clicks the invoice button.
- **A.** 5, 3, 6, 7, 1, 8, 2, 4
- **B.** 8, 3, 6, 5, 4, 7, 1, 2
- **C.** 7, 1, 3, 6, 5, 1, 8, 4
- **D.** 3, 6, 5, 7, 8, 1, 2, 4

**Answer: A** 

# **Question No:7**

You have written a When-Validate-Item trigger. You want this trigger to fire even if the form is in Enter-Query mode. What must you do to achieve this?

- **A.** Use the following code at the start of the When Validate-Item trigger:
- :SYSTEM.mode := 'ENTER-QUERY';
- **B.** Use the following code at the start of the When Validate Item trigger:
- :SYSTEM.mode := 'NORMAL':
- **C.** Set the Fire in Enter Query Mode property of the When-Validate-Item trigger.
- **D.** You do not need to do anything, because the default for the When Validate Item trigger

is to fire in Enter-Query mode.

**E.** You cannot achieve this, because the When-Validate-Item trigger cannot be set to fire in Enter-Query mode.

## Answer: E

**Explanation:** Coding Triggers for Enter-Query Mode

Some triggers that fire when the form is in Normal mode (during data entry and saving) may also be fired in Enter-Query mode. You need to consider the trigger type and actions in these cases.

"Fire in Enter-Query Mode" Property

To create a trigger that fires in Enter-Query mode, in its Property Palette set the "Fire in Enter-Query Mode" property to Yes. This property determines whether Forms fires a trigger if the associated event occurs in Enter-Query mode. Not all triggers can do this. See last line in note below.

By default, the "Fire in Enter-Query Mode" property is set to Yes for triggers that accept this. Set it to No in the Property Palette if you want the trigger to fire only in Normal mode.

## Note:

The following triggers may fire in Enter-Query mode:

- \*Key-
- \* On-Error
- \* On-Message
- \* When-triggers,

# except:

- -When-Database-Record
- -When-Image-Activated
- -When-New-Block-Instance
- -When-New-Form-Instance
- -When-Create-Record
- -When-Remove-Record
- -When-Validate-Record
- -When-Validate-Item

#### **Question No:8**

You wish to use a javaBean in a form. This javaBean has no visible component.

You use the Layout Editor to create a bean area item that implements this JavaBean. You want to be able to see the bean area item in the Layout Editor so that you can easily interact with it at design time.

What can you do to ensure that the bean area item does not appear on the form at run time?

- **A.** Set its Visible property to No.
- **B.** Set its Height and Width properties to 1.
- **C.** Set its Implementation class programmatically at run time.
- **D.** You do not have to do anything; if Implementation Class does not display a visible component, the bean area does not show at run time.
- **E.** You cannot avoid displaying the Bean area at run time.

Answer: A

#### **Question No:9**

You are planning the alerts that are needed for your Human Resources application. You wish to display the following in alerts:

- \* A message to inform the user about being at the just record
- \* A warning about a potential conflict with the data just entered
- \* A message to display a validation error to the user
- \* A warning that the salary is out of range and that asks whether the user wants to correct it

You want the note symbol (

) to appear on alerts that display only informative messages, the warning symbol to appear on messages where you will allow the user to continue despite some data problem, and the alarm boll symbol to appear where the user will not be allowed to continue without correcting the situation that caused the alert to be displayed.

You want to define the minimum number of alerts possible and customize them at run time.

Which alerts should you define?

- A. One Note style alert and caution style alert
- **B.** One Note style alert and one Stop style alert

- **C.** On Caution style alert and one stop style alert
- **D.** On Note style alert, one Caution style alert, and one Stop style alert
- E. Two Caution style alerts and one Stop style alert

## **Answer: D**

**Explanation:** In this scenario we need three different kind of alerts.

How to Create an Alert

Like other objects you create at design-time, alerts are created from the Object Navigator.

- 1. Select the Alerts node in the Navigator, and then select Create.
- 2. Define the properties of the alert in the Property Palette.

Here are the properties that are specific to an alert. This is an abridged list.

Property	Description
Name	Name for this object
Title	Alert title
Alert Style	Defines the symbol that accompanies message: Stop, Caution, or Note
Button1, Button2, Button3	Labels for each of the three possible buttons (Null indicates that the button is not required.)
Default Alert Button	Button 1, Button 2, or Button 3
Message	Message that will appear in the alert (maximum 200 characters)

http://www.erplearner.com/Sources/Form%20Builder\_files/image346.jpg

Note: Alerts are an alternative method for communicating with the operator. Because they display in a modal window, alerts provide an effective way of drawing attention and forcing the operator to answer the message before processing can continue.

Note 2: Potentially, you can create an alert for every separate alert message that you need to display, but this is usually unnecessary.

You can define a message for an alert at run time, before it is displayed to the operator.

This means that a single alert can be used for displaying many messages, providing that the available buttons are suitable for responding to each of these messages.

Create an alert for each combination of:

- \* Alert style required
- \* Set of available buttons (and labels) for operator response

For example, an application might require one Note-style alert with a single button (OK) for acknowledgment, one Caution alert with a similar button, and two Stop alerts that each provide a different combination of buttons for a reply. You can then assign a message to the appropriate alert before its display, through the SET\_ ALERT\_PROPERTY built-in procedure.

Reference: Oracle Forms Student Guide, How to Create an Alert

# **Question No: 10**

The Orders form is sometimes run automatically and sometimes run from the Customers form, when it is run from the Customers form, any queries should be restricted to the customer that is currently selected. The Customers form button that runs the Orders form sets a global variable to the current customer ID.

The Orders form has a button labeled Execute Query with the following When-Button Pressed trigger:

DEFAULT\_VALUE (NULL, 'GLOBAL.Customer\_id');

IF: GLOBAL.customer id IS NOT NULL

THEN

SET\_BLOCK\_PROPERTY ('orders', DEFAULT\_WHERE, 'orders.customer\_id =

'||:GLOBAL.CUSTOMER id);

END IF;

**EXECUTE QUERY** 

You want to duplicate that functionality in a menu item for the Summit menu that is attached To the Orders form.

What changes must you make to the code so that the menu code functions as it does in the form?

- **A.** Change both occurrence of :GLOBAL.customer\_id to 'GLOBAL.customer\_id'.
- **B.** Change 'GLOBAL.customer\_id' in line 1 to :GLOBAL.customer\_id.
- **C.** Change both occurrence of :GLOBAL.customer\_id to NAME\_IN ('GLOBAL.customer\_id').
- **D.** You do not need to change anything; the code compiles and functions correctly in the menu item.
- **E.** You cannot add this type of code in the menu because it refers to the items on the form

that cannot be referenced from a menu.

**Answer: D** 

### **Question No: 11**

The Orders form has four blocks. The Orders and Order\_items block are on the CV\_Order content canvas; the inventories block items are on the CV\_inventories content canvas; and Control block buttons are on the CV\_Buttons toolbar canvas. All buttons have mouse Navigate set to No.

The Order\_Items block is a detail of Orders. The inventories block is a detail of Order\_Items, showing the stock of the selected product.

There is a button in the Control block with a When-Button-Pressed trigger:

IF GET\_CANVAS\_PROPERTY(:SYSTEM.cursor\_item, item\_canvas) = 'CV\_ORDER' THEN

GO\_BLOCK ('inventories')

**ELSE** 

GO\_BLOCK('orders');

**END IF:** 

When you run the form and click the button, navigation does not occur, and the form displays the runtime error "FRM-41053: Cannot find Canvas: invalid ID." What should you do to correct this problem?

- A. Change the sequence of blocks in the Object Navigator
- B. Chang the Mouse Navigator property of the button to yes
- C. in the first line of code, change the built-in to GET\_ITEM\_PROPERTY
- **D.** in the first line of code, change the system variable to: SYSTEM.CURSOR, CANVAS.
- **E.** in the first line of code, change the CV\_ORDER to lowercase
- **F.** Chang the argument to the GO\_BLOCK built-ins to uppercase

**Answer: C** 

## **Question No: 12**

You create a Customers form by using wizards. When you test the form, you notice that you cannot the complete name that is displayed in the Customer\_Name text item. Which three tools can you use to correct this problem?

- A. Layout Editor
- **B.** Property Palette
- C. Data Block wizard
- D. Layout wizard
- E. Object Navigator
- F. Object Library

Answer: A,B,D

## **Question No: 13**

Which type of variable must be declared before it is used in a trigger?

- A. PL/SQL variable
- B. Form item
- C. global variable
- D. system variable
- E. parameter

## **Answer: A**

**Explanation:** PL/SQL is the language used in Forms triggers and program units.

PL/SQL lets you declare variables and constants, then use them in SQL and procedural statements anywhere an expression can be used. You must declare a constant or variable before referencing it in any other statements.

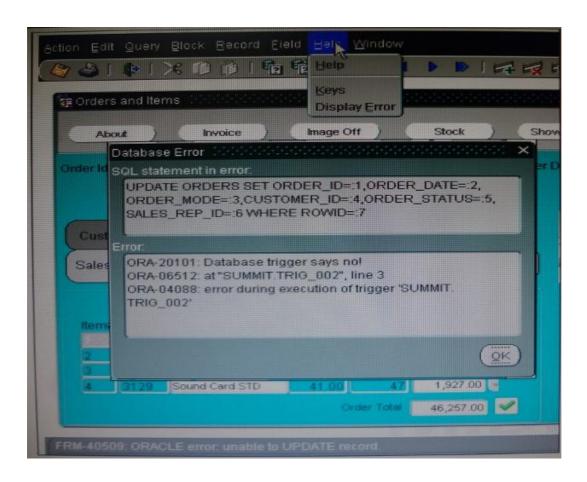
Variables can have any SQL datatype, such asCHAR, DATE, orNUMBER, or a PL/SQL-only datatype, such asBOOLEANorPLS\_INTEGER.

## Note:

PL/SQL's data types correspond with SQL's column types, making it easy to interchange PL/SQL variables with data inside a table.

#### **Question No: 14**

View the Exhibit.



To test how the Orders application works with database triggers, you add to the Orders table the following database trigger that fires before the update of Customer Id:

#### **BEGIN**

If :old.customer\_id != : new.customer\_id then

RAISE\_APPLICATION\_ERROR (-20101, 'Database trigger says no!');

end if;

END;

You run the Orders form, change the customer ID, and click Save. You receive the error message "FRM-40509: Oracle error: unable to UPDATE record." You select Help > Display

Error, and the Database Error dialog box that is shown in the Exhibit appears.

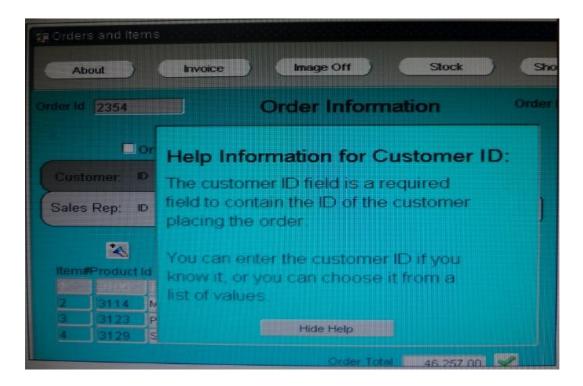
Which code would you put in your Form-level On-Error trigger to display the ORA- error message instead of the FRM- error message?

A. IF ERROR\_CODE = 40509 THEN MESSSAGE (DBMS\_ERROR\_TEXT); **END IF B.** IF ERROR\_CODE = 40509 THEN MESSSAGE (SQLERRM); END IF; C. IF ERROR\_CODE = 06512 THEN MESSSAGE(DBMS\_ERROR\_TEXT); END IF; **D.** IF ERROR\_CODE = 06512 THEN MESSSAGE (SQLERRM); END IF; E. IF ERROR-CODE = 20101 THEN MESSSAGE (DBMS\_ERROR\_TEXT); END IF; F. IF ERROR\_CODE = 20101 THEN MESSSAGE(SQLERRM); **END IF**;

Answer: A

**Question No: 15** 

View the Exhibit.



The orders form contains two canvases. Orders\_CV displays one order and all of its order items.

Help-CV displays context-sensitive help.

When users invoke the help screen for the Customer\_Id item, the help information obscures the Custormer\_Id item, as shown in the Exhibit. Users would like to be able to see both the item and its help information simultaneously.

How can you move the help information to the right so that the Customer\_Id item is visible?

- **A.** increase the Viewport X Position on the Help\_CV canvas.
- **B.** increase the Viewport X Position on Canvas on the Orders CV canvas.
- **C.** Decrease the Width on the Help\_CV canvas.
- **D.** in the Layout Editor for the Orders\_CV canvas, select View > Stacked Views, and then select the Help\_CV canvas. Drag the Help\_CV canvas to the right of the Customer\_Id item.

#### **Answer: A**

## **Explanation:**

Note: Viewport X Position on Canvas, Viewport Y Position on Canvas property Description

Specifies the location of the view's upper left corner relative to the upper left corner of the canvas. The size and location of the viewport define the view

; that is, the part of the canvas that is actually visible in the window to which the canvas is assigned.

# Applies to canvas

# **Question No: 16**

The Orders form has the following triggers defined:

- 1. Post-Text-Item on Customer\_Id
- 2. Pre-Text-Item on Sales\_Rep\_Id
- 3. When-New-Item-instance on Sales\_Rep\_Id

The form's Validation Unit property is set to Record.

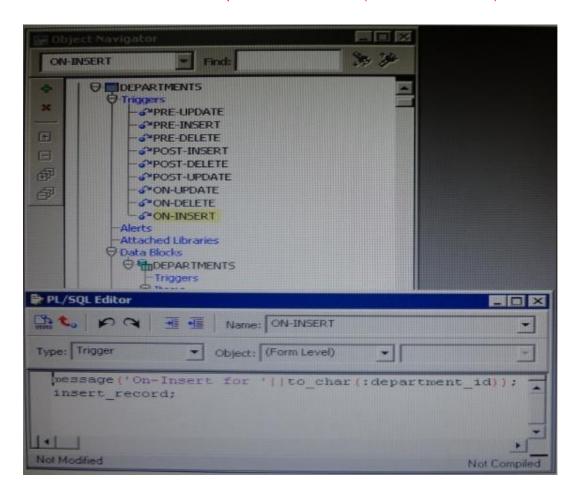
When the user navigates from Customer\_Id to Sales\_Rep\_Id, which triggers fire and what is the sequence?

- **A.** 1, 2, and 3
- **B.** 1, 3, and 2
- **C.** 1 and 2 only
- **D.** 2 and 3 only
- E. 3 only

**Answer: E** 

# **Question No: 17**

View the Exhibit.



The Departments form has form level triggers defined as shown in the Exhibit. You have enabled array DML for the Departments block by setting its DML array size to 5 and setting the Primary Key property of Department id to Yes. You set runtime preferences for Forms Builder to use array processing.

You want to test that array processing is actually occurring, so, as shown in the Exhibit, the On-Update, On-Delete, and on insert triggers have code that:

- 1. Displays a message to indicate which trigger is firing for which record?
- 2. Does the thing (either updates, deletes, or inserts)

The other triggers simply display a message, indicating the trigger that is firing.

You run the form from Forms Builder, but from the messages, you can tell that array processing is not occurring. What should you change so that array DML gets implemented?

- **A.** Delete the "On-" triggers; these triggers remove default processing, including array processing.
- **B.** Set the DML array size to a value of 10 or greater; for array sizes loss than 10, array

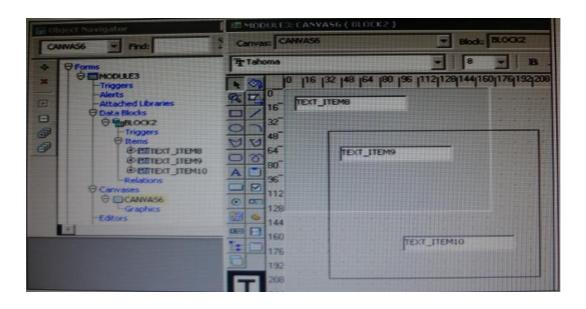
processing Is inefficient, and so is not performed.

- **C.** Use the SYNCHRONIZE built-in after the MESSAGE built-in; otherwise, the message are not displayed until the processing is finished, giving the appearance that array processing is not taking place.
- **D.** Set the Enforce Primary Key property of the Department block to Yes; it is not enough to just set the Department\_Id to be the primary key.

**Answer: D** 

## **Question No: 18**

View the Exhibit.



You have defined the window, canvas, and text items shown in the Exhibit. What happens when click Run Form?

- **A.** The form runs with the cursor initially in TEXT\_ITEM8.
- **B.** The form runs with the cursor initially in TEXT\_ITEM9.
- **C.** The form does not compile until you move TEXT\_ITEM8.
- **D.** The form does not compile until you move TEXT\_ITEM10.

**Answer: D** 

#### **Question No: 19**

Which setting of :SYSTEM.MESSAGE\_LEVEL suppresses all system messages?

**A.** 0

**B.** 10

**C.** 25

**D.** 50

**E.** You cannot use :SYSTEM.MESSAGE\_LEVEL to suppress all system messages

### **Answer: E**

**Explanation:** Controlling System Messages

You can prevent system messages from being issued, based on their severity level. FormsBuilder classifies every message with a severity level that indicates how critical or trivial the information is; the higher the numbers, the more critical the message. There are six levels that you can affect.

Severity Level	Description
0	All messages
5	Reaffirms an obvious condition
10	User has made a procedural mistake
15	User attempting action for which the form is not designed
20	Cannot continue intended action due to a trigger problem or some other outstanding condition
25	A condition that could result in the form performing incorrectly
> 25	Messages that cannot be suppressed

Note: Suppressing Messages According to Their Severity

In a trigger, you can specify that only messages above a specified severity level are to be issuedby the form. You do this by assigning a value to the

MESSAGE LEVEL

system variable. Formsthen issues only those messages that are above the severity level defined in this variable. The default value for

MESSAGE LEVEL

(at form startup) is 0. This means that messages of all severities are displayed.

#### Question No: 20

You have installed WebLogic and Forms with a default configuration, which has been tested and determined to be correct.

After creating a basic form in the Forms Builder, you click Run Form to test it. Forms Builder displays an error dialog box with the following message:

FRM-10142: The HTTP Listener is not running on <host> at port 9001.

Please start the listener or check your runtime preferences.

What is one action that you can take to resolve this error?

- A. Start the Web Logic Administration server.
- **B.** Start the WLS\_FORMS managed server.
- C. Change the serverURL parameter in formsweb.cfg
- D. Start the Oracle HTTP server.
- E. Start WebCache.

## **Answer: B**

**Explanation:** The WLS managed server WLS\_FORMS must be started.

## **Question No: 21**

What happens when you click Run Form Debug in Forms Builder?

- A. The form runs on your local machine by using a debug executable client.
- **B.** The form runs in a three-tier environment by using the application server URL that you specify in runtime preferences.
- **C.** The form runs in a three tier environment by using the [debug] configuration in the FORMSWEB.CFG file.
- **D.** The form runs in a simulated three-tier environment by using an applet viewer that is included with the product to enable debugging.

# **Answer: B**

**Explanation:** Directly from the class materials from Oracle: As in the case when you run a form from Forms Builder with the Run Form button, the Run Form Debug button runs the form in a three-tier environment. It takes its settings from the Preferences window that you access by selecting Edit > Preferences from the main menu and clicking the Runtime tab.

**Question No: 22** 

In Forms Builder, the iconic buttons on the form are blank, but when you click Run Form the form appears in the browser with Images in the iconic buttons.

What are two things that you can check to track the source of this problem?

- A. forms Builder runtime preferences
- **B.** the UI\_ICON setting in the operating system
- C. the iconpath setting in the Forms registry file
- **D.** the UI\_ICOM\_EXTENSION setting in the operating system
- E. the iconextension setting in the Forms registry file
- F. the FORMS\_PATH setting in the Forms environment file
- G. the classpath setting in the operating system

Answer: B,D

## Question No: 23

The Employees database table contains more columns than can be displayed at one time in a form. You create a data block that uses all the columns. How can you enable users to interact with all the items and switch between them without scrolling or closing anything?

- **A.** Define multiple content canvases and display them in multiple modeless windows.
- **B.** Define multiple content canvases and display them in the same modeless window.
- C. Define multiple content canvases and display them in multiple modal windows.
- **D.** Define multiple content canvases; display one in a modeless window and the others in modal windows.
- **E.** This is not possible because items from a single block must be displayed on the same canvas and window.

**Answer: A** 

#### **Question No: 24**

Which statement is true about flexible code?

- **A.** It is designed for reuse.
- **B.** It typically includes hard-coded object names.
- C. It is more difficult to maintain.
- **D.** It is more difficult to write, so it decreases developer productivity.

**E.** It is specific to a particular module.

**Answer: A** 

### **Question No: 25**

You have written a Forms application that your users log in to with their database login.

Which Forms component is utilized first when a user runs the application?

- **A.** Forms Client (applet)
- **B.** Forms Runtime
- C. Forms Servlet
- D. Forms Listener Servlet

**Answer: C** 

#### Question No: 26

You want to use WebUtil functionality in the Orders form. What three things must you do to integrate WebUtil into the Orders Form?

- **A.** Copy the WebUtil object group from the WebUtil object library into a separate object library.
- **B.** Subclass the WebUtil object group from the WebUtil object library into the Orders form.
- **C.** Ensure that the WebUtil block is the last block under the Data Blocks node in the Object Navigator.
- **D.** Ensure that the WebUtil block is the first block under the Data Blocks node in the Object Navigator.
- E. Attach the WebUtil library to the Orders form.
- **F.** Copy the WebUtil library to the same directory as the Orders form.
- **G.** in the When-New-Form-instance trigger, register the WebUtil javaBeans.
- **H.** Set the Implementation Class Property for any items that will implement WebUtil JavaBeans.

Answer: B,C,E

**Explanation:** Integrating WebUtil into a Form

Step 1: Attaching the WebUtil Library (E)

To use the functions of WebUtil in a Forms application, you mustfirst attach the webutil.pll library to any module that will use the WebUtil PL/SQL API. Select theAttached

Libraries node in the Orders form and click Create. This invokes the Attach Librarydialog box, in which you can browse to the location of webutil.pll

Step 2: Subclassing WebUtil Forms Objects (B)

Part of the WebUtil utility is a set of Forms objects contained in webutil.olb This object library contains an object group called WebUtil, which you can subclass into your form.

C: A data block named WEBUTIL; ensure that this is the last block in the Navigator.

Reference: Oracle Fusion Middleware 11g, Build Applications with Oracle Forms, Integrating WebUtil into a Form

## **Question No: 27**

You want to display fields of a form module on multiple layouts that are visible simultaneously, what can enable you to achieve this?

- A. multiple content canvases that display in the same window
- B. one content canvas that displays in multiple windows
- C. multiple content canvases that display in multiple windows
- **D.** multiple forms, because you cannot have multiple content canvases in the same form that are visible simultaneously

**Answer: C** 

#### **Question No: 28**

You are coding a When-Checkbox-Changed trigger.

Which statements are available for use in your code?

- **A.** unrestricted built-ins only
- **B.** restricted and unrestricted built-ins only
- **C.** PL/SQL statements and unrestricted built-ins only

# D. PL/SQL statement-, and any built-ins

**Answer: D** 

**Explanation:** When-Checkbox-Changed trigger

Description

Fires when an operator changes the state of a check box, either by clicking with the mouse, or using thekeyboard.

Definition Level: form, block, or item

Legal Commands:

SELECT statements, unrestricted built-ins, restricted built-ins

Reference: Oracle Forms Developer, When-Checkbox-Changed trigger

#### **Question No: 29**

Users do not want to see the "Working" message while a long query completes.

You are designing a form with a query that takes o long time to execute. What can you do to stop the "Working" message from appearing?

- **A.** Before the line of code that executes the query, add the line:
- :SYSTEM.MESSAGE LEVEL := '10':
- **B.** Before the line of code that executes the query, add the line:
- :SYSTEM.SUPPRESS WORKING: = 'TRUE';
- **C.** Use the SET\_APPLICATION\_PROPERTY built-in to set the message level in a When-New-Form-instance trigger.
- **D.** You do not need to do anything, the default behavior of Forms is to display the "Working" message only if you add code to do so.

#### **Answer: B**

**Explanation:** You can turn the 'Working...' message off with system.suppress\_working command.

# SYSTEM.SUPPRESS\_WORKING examples

Assume that you want to have the form filled with data when the operator enters the form. The following

When-New-Form-Instance trigger will prevent the unwanted updates that would normally

occur when
you fill the blocks with data.

System.Suppress\_Working := 'TRUE';

Go\_Block ('DEPT');

Execute\_Query;

Go\_Block ('EMP');

Execute\_Query;

Go\_Block ('DEPT');

System.Suppress\_Working := 'FALSE';

# **Question No: 30**

If a display item has a Calculation Mode of Formula, you can call a program unit to perform the calculation.

A. True

**B.** False

**Answer: A** 

**Question No: 31** 

View the Exhibit.