



1Z0-151^{Q&As}

Oracle Fusion Middleware 11g: Build Applications with Oracle Forms

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QUESTION 1

In an Order Entry form, the Order_Items block has a text item called Shipping Date, which is of the Date data type. The Lowest Allowed Value and the Highest Allowed Value properties are not defined for this item.

Assuming that the following are defined, which three are valid settings for the initial Value = property of the Shipping_Date Item?

- A. \$\$DBDATE\$\$
- B. :Orders.Order_Date + 3
- C. SYSDATE
- D. :GLOBAL.SHIP_DATE
- E. :PARAMETER.SHIP
- F. ORDER_ITEMS_SEQ

Correct Answer: ACD

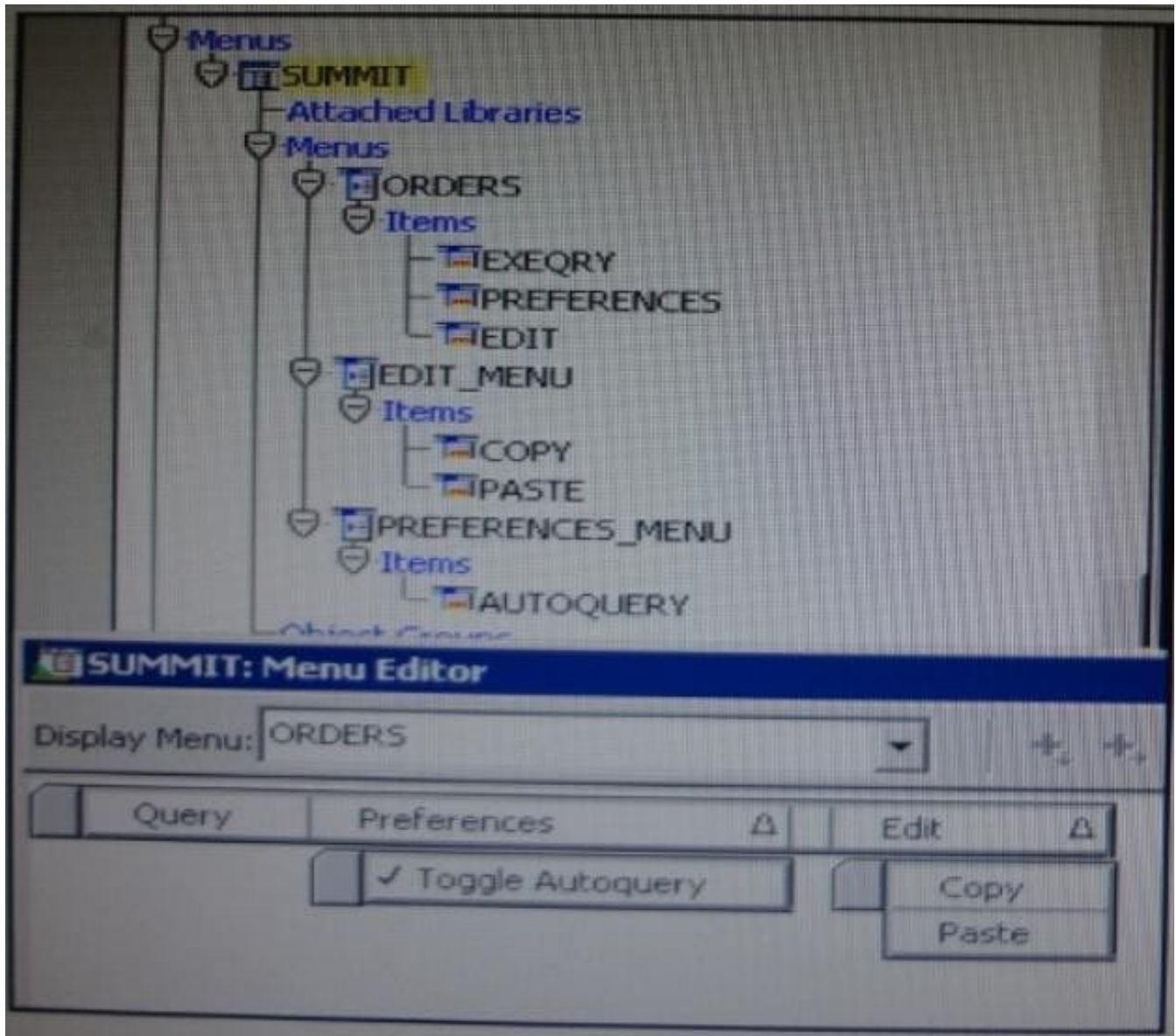
A: Use \$\$DATE\$\$, \$\$DATETIME\$\$, and \$\$TIME\$\$ to obtain the local system date/time; use \$\$DBDATE\$\$, \$\$DBDATETIME\$\$, and \$\$DBTIME\$\$ to obtain the database date/time, which may differ from the local system date/time when, for example, connecting to a remote database in a different time zone. ,, Use these variables only to set the value of the Initial Value, Highest Allowed Value or Lowest Allowed Value property.

Incorrect answers:

B: This would work within a trigger.

QUESTION 2

View the Exhibit.



The Summit menu is attached to the Orders form. The Toggle Autoquery menu item is a check box that toggles whether a query is automatically performed when the Orders form is first invoked. If the check box is deselected, users must manually query.

In addition to using the menu, users want to be able to toggle the autoquery preference directly from the form. You add a button named Toggle Autoquery with the following When-Button- Pressed trigger:

```
DECLARE
```

```
mi_id MENUITEMS;
```

```
BEGIN
```

```
mi_id :=FIND_ITEM (\\Preferences.AutoQuery\\')
```

```
/* Determine the current checked static of the AutoCommit menu checkbox item And toggle the checked
```



state*/

```
IF GET_ITEM_PROPERTY (mi_id, CHECKED) = '\\TRUE\\' THEN
SET_ITEM_PROPERTY (mi_id, CHECKED, PROPERTY_FALSE);
ELSE
SET_ITEM_PROPERTY (mi_id, CHECKED, PROPERTY_TRUE);
END IF;
END;
```

However, the trigger does not compile. What three changes must you make so that the trigger compiles successfully?

- A. Change FIND_ITEM to FIND_MENU_ITEM.
- B. Change '\\preferences.AutoQuery\\' to '\\orders.preferences.AutoQuery\\'.
- C. Change '\\preferences.AutoQuery\\' to '\\AutoQuery\\'.
- D. Change '\\preferences.AutoQuery\\' to '\\ORDERS.PREFERENCES>AUTOQUERY\\'.
- E. Change '\\preferences.AutoQuery\\' to '\\AUTOQUERY\\'.
- F. Change GET_ITEM_PROPERTY to GET_MENU_ITEM_PROPERTY
- G. Change SET_ITEM_PROPERTY to SET_MENU_ITEM_PROPERTY
- H. Change PROPERTY_FALSE to '\\FALSE\\'.
- I. Change PROPERTY_TRUE to '\\TRUE\\'.

Correct Answer: AFG

A: Note: FIND_MENU_ITEM built-in Description Searches the list of menu items and returns a menu item ID when it finds a valid menu item with the given name. You must define an appropriately typed variable to accept the return value. Define the variable with a type of MenuItem.

Note 2:

FIND_ITEM built-in

Description

Searches the list of items in a given block and returns an item ID when it finds a valid item with the given name. You must define an appropriately typed variable to accept the return value. Define the variable with a type of Item.

Example (with FIND_MENU_ITEM, GET_MENU_ITEM_PROPERTY,
SET_MENU_ITEM_PROPERTY)



FIND_MENU_ITEM examples

```
/*
```

```
** Built-in: FIND_MENU_ITEM
```

```
** Example: Find the id of a menu item before setting
```

```
** multiple properties
```

```
*/
```

```
PROCEDURE Toggle_AutoCommit_Mode IS
```

```
mi_id MenuItem;
```

```
val VARCHAR2(10);
```

```
BEGIN
```

```
mi_id := Find_Menu_Item('\Preferences.AutoCommit\');
```

```
/*
```

```
** Determine the current checked state of the AutoCommit ** menu checkbox item
```

```
*/
```

```
val := Get_Menu_Item_Property(mi_id,CHECKED);
```

```
/*
```

```
** Toggle the checked state
```

```
*/
```

```
IF val = '\TRUE\' THEN
```

```
Set_Menu_Item_Property(mi_id,CHECKED,PROPERTY_FALSE);
```

```
ELSE
```

```
Set_Menu_Item_Property(mi_id,CHECKED,PROPERTY_TRUE);
```

```
END IF;
```

```
END;
```

QUESTION 3

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

Correct Answer: D

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)

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 4

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.

Correct Answer: C

Because you cannot refer directly to form values in menu code, change :GLOBAL.customer_id to the following indirect reference: NAME_IN(\\'GLOBAL.customer_id\\')

Note: You could also change the references to the global variable to use the NAME_IN built-in; however, this is not strictly necessary, because global variables are available directly throughout the application.

Reference: Managing Oracle Forms Menu Modules

QUESTION 5

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 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.

Correct Answer: B

The WLS managed server WLS_FORMS must be started.

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