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Note:

Section A contains 98 questions.

Section B contains 59 questions.

The total number of questions is 157.

Section A – more important questions

Study these questions carefully.

QUESTION NO: 1

You created a custom menu for the Order Entry application. Which step do you perform before attaching the menu module to the form module?

- A. Select file-->Administration-->Convert
- B. Select file-->Administration-->Execute
- C. Select file-->Administration-->Compile File
- D. No further step is necessary.

Answer: C

Explanation: After creating the custom menu you need to compile the menu to create the .MMX file for that menu. that is done by selecting the menu file→Administration→Compile File from the main menu in Oracle Form Designer. Then you have to attach the menu module after compiling it.

QUESTION NO: 2

You want to create a pie-style chart using the Chart Wizard. What must be you do to determine the fields available for use in this chart?

- A. Select the block that contains the data to appear in the pie chart.
- B. Select the table that contains the data to appear in the pie chart.
- C. Select the view that contains the data to appear in the pie chart.
- D. Nothing. The wizard will automatically create the pie chart based on the highlighted data.

Answer: A

Explanation: When creating a pie chart using the Chart Wizard ONLY Block names will be listed in the chart wizard and you can not make a selection from the wizard to select a specific table or view, Chart Wizard takes data from Data Blocks only.

QUESTION NO: 3

Which three menu item types are valid in a menu module? (Choose three)

- A. Magic
- B. Plain

- C. Check
- D. List item
- E. Divider

Answer: A, B, C

Explanation: Magic menu item type is used to specify standard actions such as Cut or Copy. Plain is a standard test menu item and Check menu item type is used to menu as two possible states Checked and Unchecked . List item and Divider are not a valid types for menus.

QUESTION NO: 4

You need to return a table of records that displays the account numbers of all user's customers, but displays NULL for the account number of other customers. Which type of data source would you use to create the data block?

- A. Table
- B. Transactional trigger
- C. Stored procedure
- D. FROM clause query

Answer: C

Explanation: Data Block can be based on Stored Procedure that return either REF Cursor or Table or records. The Returned table of records can contain any select statement programmed in the Stored Procedure. Which can be used to display NULL for account number of other customers. Table of records will send the entire records to the client then client can do DML or query operation at the client side.

QUESTION NO: 5

The system analysts have requested heavy use of object features. The database design makes use of PL/SQL8 object types, methods, and LOB types. How do you work with these features on the client?

- A. Write client-side subprograms containing the PL/SQL8 constructs, and move them into an object group.
- B. Write server-side subprograms, and call the subprograms from the form application.
- C. Store the PL/SQL8 constructs in a PL/SQL library, and attach the library to each form module in your application.
- D. You cannot reference PL/SQL8 object types in your application.

Answer: B

Explanation: Forms can use PL/SQL8 objects when they are stored on the server as subprograms which can be called from the application on the client. The following features are supported in database server PL/SQL8 but are not supported in Forms Builder module :

- 1- Object types
- 2- Collection types

- 3- LOB types
- 4- Methods
- 5- Objects as stored procedure parameters

QUESTION NO: 6

You CUSTOMERS module has a When-Button-Pressed trigger with this code:

```
OPEN FORM('stock', no_activate);
```

The STOCK module contains a When-New-Form-Instance trigger.

Which statement is true when you press the button in the CUSTOMERS module?

- A. The input focus switches to the STOCK module, and the When-New-Form-Instance trigger fires.
- B. The input focus remains in the CUSTOMERS module, and the When-New-Form-Instance trigger fires.
- C. The input focus remains in the CUSTOMERS module, and the When-New-Form-Instance trigger does not fire.
- D. The input focus switches to the STOCK module, but the When-New-Form-Instance trigger does not fire.

Answer: B

Explanation: Using the OPEN_FORM to open forms in Forms builder will cause the form to be opened in modeless view which means users can navigate to the form and to the calling form, no_activate parameter of OPEN_FORM method will not activate the form when opened but it will fire the trigger When-New-Form-Instance if it's available in the called form. Since the called form will not be activated hence focus will remain in the calling form "CUSTOMERS" and will fire the When-New-Form-Instance trigger of the STOCK Form.

QUESTION NO: 7

You are building two forms. Each form has a button and a non-base table field. When the button is pressed, a complicated calculation is executed. The calculation is the same for both forms. The calculation code does not query or change the data in the database. When the calculation completes, it returns a single value to the non-base table field.

To optimize performance and maintainability, which PL/SQL structure should be used?

- A. A trigger in each form.
- B. A subprogram in each form.
- C. A stored subprogram in the database.
- D. A subprogram in a library that is attached to each form.

Answer: D

Explanation: Because the process required is to do calculations which is the same for both forms and no need to access database or change values in the tables and the result is a single value then the option of storing it as a subprogram in a library then attach it to each form will save you the time to create the same functionality twice for each forms more over you can maintain the code easily because on code will be attached for both forms as a library.

QUESTION NO: 8

A sales analyst reviews the first draft on your Sales application, and requests that the application graphically represent revenue generated for each sales representative, in addition to the textual data currently displayed for the ORDER block.

How would you incorporate this graphic in your form?

- A. Invoke the Chart Wizard and create a chart based on the ORDER block.
- B. Create a chart using Graphics Builder and then select File→Import Chart in Form Builder, positioning the new chart with the text items in the ORDER block.
- C. Invoke the Data Block Wizard in reentrant mode, select the Charts tab, and specify the chart type and column sources for the X and Y axes.
- D. Select the Chart node in the Object Navigator, Click the Create icon, and specify the details of the chart in the chart's Property Palette.

Answer: A

Explanation: Graphical representation is done by using the Chart Wizard to create charts of different types. Charts will represent the data available in the source block. Charts can not be created from the object navigator, Changing also can be done by the Chart Wizard. Data Block wizard can not create charts.

QUESTION NO: 9

You want to implement a master-detail relation between data blocks based on object tables. How would you do this?

- A. Create the relation manually and coordinate the blocks using triggers.
- B. Base the relation on a REF pointer using the Data Block Wizard.
- C. Base the relation on a foreign key using the Data Block Wizard.
- D. This task is not possible because master-detail relations can be implemented only for blocks based on relation tables.

Answer: B

Explanation: Relation can be created on blocks based on objects table using the Data Block Wizard. When you select the Master Table from the wizard and the Child Table REF pointers will be listed in the wizard as items which can be used to base the relation of both blocks. Selecting the REF pointer is the only thing needed to base the relationship.

QUESTION NO: 10

You established access to menu modules using roles. You have allowed the sales role to access the menu module, but prevented access to the Update menu item. Which item property would you alter to gray out the menu option for the role?

- A. Item Roles.
- B. Menu Item Roles.
- C. Display without Privilege.
- D. Use Security.

E. Command Type.

Answer: C

Explanation: When access is established in the menu module using roles. Each menu will be given the permission based on Oracle Server Roles created by DBA. The Display without Privilege item property in the menu will Disable “gray out” the menu item if user does not belong the role that have access to this menu item.

QUESTION NO: 11

You create a data block based on a relational table containing a REF column. You select the REF column for your form module. What is true about the items based on the REF column attributes?

- A. The Query Only property is set to Yes.
- B. The Conceal Data property is set to Yes.
- C. The Insert Allowed property is set to Yes.
- D. The Update Allowed property is set to Yes.

Answer: A

Explanation: If form contains blocks based on relational tables containing REF Columns. The REF column will be an item with property Query Only is set to YES automatically. Conceal Data and Insert allowed and Update Allowed property are set to NO.

QUESTION NO: 12

Which technique retrieves the error number when explicit DML fails?

- A. SQLCODE in an On-Error trigger.
- B. SQLCODE in an exception handler.
- C. DBMS_ERROR_CODE in an On-Error trigger.
- D. DBMS_ERROR_CODE in an exception handler.

Answer: B

Explanation: SQLCODE and SQLERRM returns the last Oracle Server error code and message due to an explicit DML within a form application. These function must be used in the exception handler of the program unit that issues the DML command. DBMS_ERROR_CODE return the last Oracle server error due to an implicit DML fail.

QUESTION NO: 13

Which two built-ins would you use to remove the HOUR_ALARM timer using the timer_id parameter? (Choose two)

- A. FIND_TIMER
- B. CREATE_TIMER
- C. SET_TIMER
- D. DELETE_TIMER

E. GET_APPLICATION_PROPERTY

Answer: A, D

Explanation: To remove the timer FIND_TIMER is used to retrieve the Timer ID in the application. Timer ID is used in the method DELETE_TIMER to delete the timer. GET_APPLICATION_PROPERTY is used to retrieve the last expired timer, CREATE_TIMER is used to create a timer, SET_TIMER used to change the existing timer property.

QUESTION NO: 14

Which built-in returns a BOOLEAN value that indicated whether an objects internal ID is available?

- A. GET_ID
- B. ID_NULL
- C. ID_FIND
- D. FIND_ID

Answer: B

Explanation: ID_NULL Return Boolean that represent if the object has internal ID in the application. If ID exist it returns FALSE and if ID does not exist it return TRUE . FIND_ID returns the internal ID of the object. GET_ID and FIND_ID do not exist in oracle forms.

QUESTION NO: 15

Which built-in do you use to determine which timer in form module has expired?

- A. FIND_TIMER
- B. GET_TIMER_PROPERTY
- C. GET_APPLICATION_PROPERTY
- D. GET_CUSTOM_ITEM_EVENT_PROPERTY

Answer: C

Explanation: When the timer expires it's included in a queue till the application is idle to delete the timer, each expired timer is taken by First-In-First-Out. GET_APPLICATION_PROPERTY is used to determine the last timer expired in the application. FIND_TIMER is used to get the internal ID of the timer. GET_TIMER_PROPERTY is used to change specific timer property

QUESTION NO: 16

Which three objects are components of a menu module? (Choose three)

- A. Menus
- B. Canvases
- C. Object libraries
- D. Visual attributes
- E. Attached libraries

Answer: A, D, E

Explanation: When menu is created it will contain the menus that is created using the Menu Editor tool and it will also include the Visual Attributes and Attached libraries. When menu is created it has to be compiled to .mmx file and attached to the from module to be implemented.

QUESTION NO: 17

You need to create a form for Payroll application that will allow the user to view all information for any employee ID queried. This data should be displayed to the user in a grouped format. The user should be able to choose which information they want to see from a pull down list containing the values PERSONAL and PAYROLL.

Which format should you use to create this form?

- A. One content canvas and multiple stacked canvases.
- B. One content and one stacked canvas.
- C. Tab canvas with several tab pages.
- D. One content canvas.
- E. A horizontal and vertical toolbar.

Answer: A

Explanation: Content canvas occupies the entire content area of the window and stacked canvas can be displayed and overlay some portion of the content view on the same window. If data should be displayed in grouped format then only one content canvas should be used and multiple stacked canvases used to display the related grouped data..

QUESTION NO: 18

Which built-in copies values from a record group into a list item?

- A. POPULATE_LIST
- B. POPULATE_GROUP
- C. POPULATE_LIST_ITEM
- D. POPULATE_LIST_FROM_GROUP
- E. POPULATE_LIST_ITEM_FROM_GROUP

Answer: A

Explanation: List item can copy values from Record Group to it's items by using the POPULATE_LIST , POPULATE_GROUP is not a valid method. Record Group should be created first and assigned values prior copying it's value to a list item.

QUESTION NO: 19

You need to allow the user to toggle between automatic query and no automatic query using a pop-up menu. Which built-in would you use in the menu item command to obtain the relationship name?

- A. GET_RELATION_PROPERTY
- B. SET_RELATION_PROPERTY
- C. GET_BLOCK_PROPERTY
- D. GET_FORM_PROPERTY

Answer: C

Explanation: GET_BLOCK_PROPERTY is used to get block related properties including the relationship name. SET_RELATION_PROPERTY is used to change any property of the specific relation. GET_RELATION_PROPERTY is used to retrieve relation specific property.

QUESTION NO: 20

Which two chart base types can you select using the Chart Wizard? (Choose two)

- A. Line
- B. Column
- C. Bubble
- D. Flowchart
- E. OHLC candle stock.

Answer: A, B

Explanation: When Chart Wizard is used to create charts it will provide with specific number of chart types to be used. It provides types such as Line, Column, Bar, It does not provide Bubble, FlowChart or OHLC Candle stock.

QUESTION NO: 21

Which two are examples of a mouse event? (Choose two)

- A. The user clicks the mouse.
- B. The user moves the mouse into an item.
- C. The cursor style changes from default to busy.
- D. The user moves the mouse into the window title bar.

Answer: A, B

Explanation: Mouse events are the events triggered by the mouse such as Click or moving the mouse pointer over and item. Mouse movement is not included in the window title bar because mouse events are not handled there. Changing Cursor style is not a mouse event.

QUESTION NO: 22

Your application requires that you programmatically manipulate a nonquery record group. Which three built-ins can you use? (Choose three)

- A. CREATE_GROUP
- B. ADD_GROUP_ROW
- C. POPULATE_GROUP
- D. ADD_GROUP_COLUMN

E. CREATE_GROUP_FROM_QUERY

Answer: A, B, D

Explanation: To create nonquery record group you must create the group first using CREATE_GROUP then add a new column using ADD_GROUP_COLUMN then add new row using AGG_GROUP_ROW

Example :

```
DECLARE
MyRec RECORDGROUP;
MyCol  GROUPCOLUMN;
BEGIN
```

```
MyRec := CREATE_GROUP ('warehouse_rg');
MyCol := ADD_GROUP_COLUMN (MyRec,'id',number_column);
ADD_GROUP_ROW (MyRec, 1);
```

QUESTION NO: 23

The accounting manager wants you to create a form that when queried will display a calculated total of year-to-date actual expenditures for the fund code entered. The value needed to generate this summary data are stored in multiple tables.

How would you define the data source for this data block without having the DBA create a database object?

- Choose Tools -> Data Block Wizard, select View as the data source type, and base the block on the columns from the tables.
- Choose Tools -> Data Block Wizard, select Table as the data source type, and base the block on the columns from the tables.
- Select the Data Blocks node in the Object Navigator and click the Create button. Choose to build the data block manually and alter the Query Data Source Columns and Query Data Source Arguments properties to enter the SELECT statement.
- Select the Data Blocks node in the Object Navigator and click the Create button. Choose to build the data block manually, alter the Query Data Source Type property to 'Table', and enter the SELECT statement in the Query Data Source Name property.
- Choose Tools -> Data Block Wizard, select Stored Procedure as the data source type, and base the block on the columns the tables.
- Select the Data Blocks node in the Object Navigator and click the Create button. Choose to build the data block manually. Alter the Query Data Source Type to 'FROM' clause query', and enter the SELECT statement in the Query Data Source Name property.

Answer: F

Explanation: Data block based on "FROM" clause can retrieve data from multiple table in the database without the need to create any object in the database server. This is done by creating the Data Block manually in the Object Navigator and specify the Data Source type as "FROM" Clause query and enter the SELECT statement in the Query Data Source Name Property.

QUESTION NO: 24

The EMP_DEPT block in your EMPLOYEE form is based on a view in an Oracle8 database. The items in this block have the Update Allowed property set to Yes. Which database feature makes it possible to permanently modify the underlying view?

- A. REF cursor.
- B. Instead Of trigger.
- C. Stored procedure that returns object values.
- D. The underlying view cannot be modified because DML on a view is not supported.

Answer: B

Explanation: When the Update Allowed property is set to YES and the block is based on view on the database server, Instead Of Triggers should be used to update the underlying tables that the view depends on. This trigger will fire whenever the user updates a value through the view. REF Cursors and Stored Procedures that returns object values will not update the values in the underlying view in the server. Views can not be modified using DML operation unless instead of trigger exists.

QUESTION NO: 25

You are developing the Payroll application that contains the SALARY and COMMISSION forms. When a user invoked the COMMISSION form from the SALARY form, the SAL value should be passed to the COMMISSION form. In which data form and at what time should you define the parameter to accept the value?

- A. SALARY form at runtime.
- B. SALARY form at design time.
- C. COMMISSION form at runtime.
- D. COMMISSION form at design time.

Answer: D

Explanation: If the called form will contain parameter value then the parameter should be created at design time in the called form "COMMISSION FROM", Then in the calling form "SALARY" form will have to create a parameter and assign it a value using CREATE_PARAMETER_LIST and ADD_PARAMETER which will create a parameter list that includes the specific parameter which is then used in the OPEN_FORM method to open the COMMISSION form and pass the value of parameter to the COMMISSION form.

Example :

```
declare
MyParameter PARAMLIST;
begin
MyParameter := CREATE_PARAMETER_LIST('wh_pl');
ADD_PARAMETER (MyParameter , 'wh_param',TEXT_PARAMETER,:Commision_id);
OPEN_FORM('COMMISSION', ACTIVATE, NO_SESSION,NO_SHARE_DATA, 'wh_pl');
end;
```

here wh_pl is the parameter list and MyParameter is the parameter to be passed

QUESTION NO: 26

At design time, you create a query record group for the LOV associated with the HOTEL text item in a form module for the Travel Planner Application. When is the record group deleted?

- A. When the user navigates to the HOTEL item.
- B. When the form module successfully compiles.
- C. After Form Builder validates the SELECT statement and dismisses the New Record Group dialog box.
- D. When the user enters data in the HOTEL item, and the Validate from List property for the HOTEL item is set to YES.

Answer: D

Explanation: When LOV that contain record group value attached to a text item the record group will be deleted when user enters data in the text item. This will be if the text item Validate from List property is set to YES. Successful compilation of the form will not delete the record group neither navigation to the text item.

QUESTION NO: 27

Which object is added to a form module when you copy the reusable calendar class?

- A. List icon
- B. Object group
- C. PL/SQL library
- D. Key-Listval trigger

Answer: B

Explanation: Calendar class when used in the form module will automatically add Object Group and Data Blocks. Key-Listval trigger can be used to display the calendar but it has to be programmed manually not automatically.

QUESTION NO: 28

You developing a form module, and you would like to make an indicated window visible in a new display position. Which built-in can you use to accomplish this task?

- A. SHOW_WINDOW
- B. RESIZE_WINDOW
- C. DISPLAY_WINDOW
- D. MOVE_WINDOW_X_Y
- E. WINDOW_VISIBLE_X_Y

Answer: A

Explanation: The syntax of Show_window is as follow :

SHOW_WINDOW(window_id Window ,x NUMBER ,y NUMBER) where x and y are the position in coordinates in the screen. RESIZE_WINDOW is used to resize the window, DISPLAY_WINDOW, MOVE_WINDOW_X_Y and WINDOW_VISIBLE_X_Y are not a valid command,

QUESTION NO: 29

You are creating the CUST_PREMIUM data block in the AUTO_INSURANCE form. A new state law requires that premiums be lowered for drivers with a good driving history. Because this could potentially affect a large number of records, you want to base the data block on a stored procedure returning a table of records.

Which statement supports this approach?

- A. A table of records is efficient in terms of network traffic.
- B. A table of records improves developer productivity because the database administrator does not have to create a server side view.
- C. A table of records is efficient because the number of records fetched depends on the Array Fetch property value.
- D. Your coding effort is simplified since DML operations are handles by setting form module properties.

Answer: A

Explanation: When stored procedure returns a table of records it transfers all the records to the client in one unit so round trip to the server is not necessary so its efficient in term of network traffic. Table or records does not improve developer productivity because all the code is created in the Stored Procedure by database administrator. Number of records returned is specified by Array Fetch Property value if REF Cursor is returned not table of records.

QUESTION NO: 30

What does the FIND_MENU_ITEM built-in function return?

- A. The internal ID of a menu.
- B. The internal ID of a menu item.
- C. The internal ID of a menu module.
- D. The internal ID of form module to which the menu is attached.

Answer: B

Explanation: FIND_MENU_ITEM returns menu item type. Example :

```
PROCEDURE Toggle_AutoCommit_Mode IS
mi_id MenuItem;
val VARCHAR2(10);
BEGIN
mi_id := Find_Menu_Item('Preferences.AutoCommit');
val := Get_Menu_Item_Property(mi_id,CHECKED);
    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 NO: 31

You established access to menu modules using roles. While testing the application, you need access to all the menus in the SALES form module for all the roles. Which method will override the Menu Module Roles property to allow you to access all the menu items?

- A. Disable the values for the Menu Module Roles property.
- B. Set the Use Security value in the form module Property Palette to 'True'.
- C. Set the Use Security value in the form module Property Palette to 'False'.
- D. Set the Use Security value in the menu module Property Palette to 'True'.
- E. Set the Use Security value in the menu module Property Palette to 'False'.

Answer: E

Explanation: To disable security on the menu module the Use Security property value should be set to FALSE on the menu module. Forms menu security is based on Oracle Server roles. These roles are created in the database, typically by the database administrator. After the roles have been created, the Module Roles menu module property can be assigned to these roles. The next step is to assign the chosen roles to the individual menu items. The user executing the form with this menu attached must be assigned to this role to activate that menu item.

QUESTION NO: 32

You include the calendar class in your Hotel Booking application. Which additional form level objects will you need to create to implement this reusable component fully?

- A. Blocks
- B. Visual attributes.
- C. Stacked canvas.
- D. Nothing further needs to be created.

Answer: D

Explanation: The calendar object group includes two data blocks. The Date_control_block contains the month and year control buttons and the Date_button_block contains the buttons that represent each day. These buttons and other items are stored on the Date_lov_canvas canvas. This canvas is included in the calendar object group. Nothing further needs to be created when calendar class is used.

QUESTION NO: 33

You need to create a data block for DML operations in the NEW_EMPLOYEE form module. Which data source can you use for this block?

- A. REF cursor query.
- B. Stored function.
- C. From clause query.
- D. Transactional trigger.

Answer: D

Explanation: Data Block can be based on Stored Procedure that returns REF Cursor or Table of Records or it can be based on "FROM" clause query. REF Cursor and "FROM" query types do not allow DML operations and Table of records allows DML operations. Similarly Transactional Triggers can do DML operations.

QUESTION NO: 34

You are creating a form that will access an Oracle8 database. On which three sources can you base a data block? (Choose three)

- A. BFILE
- B. REF column
- C. Object table
- D. Column object
- E. INSTEAD-OF trigger

Answer: B, C, D

Explanation: Data Block can be based on Stored Procedure that returns REF Cursor or Table of Records or it can be based on "FROM" clause query. REF column and Column object and Object table can be selected from the Data Block Wizard. BFILE and INSTEAD-OF Triggers are supported in Oracle Forms but can not be used as sources of Data Block.

QUESTION NO: 35

Which three statements describe the functionality of the DO_KEY built-in? (Choose three)

- A. It accepts both a built-in and a key name as argument.
- B. If no key trigger is defined, the specified built-in executes.
- C. Its parameter must be specified in upper case, enclosed in single quotation marks.
- D. It performs the same task as if you pressed the function key associated with the specified argument.
- E. It executes the key trigger that corresponds to the built-in specified as its parameter.

Answer: B, D, E

Explanation: The DO_KEY built-in function executes the key trigger associated with the built-in that is specified as its parameter. If no associated key trigger exists, then the specified built-in subprogram executes. For example, DO_KEY('EXIT_FORM'), when executed, will search for a Key-Exit trigger. If it does not find a Key-Exit trigger, it will execute the EXIT_FORM built-in. DO_KEY accepts built-in names only, not key names: DO_KEY(ENTER_QUERY). To accept a specific key name, use the EXECUTE_TRIGGER

QUESTION NO: 36

You are creating a new form for the Order Entry application. You define a record group that will be created when the form is executing this built in:

```
CREATE_GROUP(rg_emplist, global_scope)
```

Which form(s) in the application will have access to this record group?

- A. All forms in the application.
- B. Any forms opened by the user who initiated the record group.
- C. Only the form issuing the CREATE_GROUP built-in.
- D. Any forms referenced by the form that contains the procedure.

Answer: A

Explanation: The SCOPE parameter in the CREATE_GROUP built-in Specifies whether the record group can be used only within the current form or within every form in a multi-form application. GLOBAL_SCOPE Indicates that the record group is global, and that it can be used within all forms in the application. Once created, a global record group persists for the remainder of the runtime session.

QUESTION NO: 37

Which built-in would you reference in your trigger code to remove a report from the Reports Server queue dynamically?

- A. FIND_REPORT_OBJECT
- B. CANCEL_REPORT_OBJECT
- C. REPORT_OBJECT_STATUS
- D. SET_PROPERTY OBJECT_PROPERTY

Answer: B

Explanation: The CANCEL_REPORT_OBJECT built-in cancels a long-running, asynchronous report. You should verify the report is canceled by checking the status of the report using REPORT_OBJECT_STATUS. The SET_REPORT_OBJECT_PROPERTY built-in is used to change report properties programmatically. The DELETE_TIMER built-in deletes the given timer.

QUESTION NO: 38

What does the term application partitioning refer to?

- A. The feature of a forms application enabling it to run both in client-server mode and on the Web.
- B. Storing PL/SQL program units between the Oracle server and the application to make optimal use of available resources.
- C. The nature of a three-tier architecture, where the form module and processing software reside on an application server.
- D. The feature of a forms application that is able to use Ethernet, twisted pair, and wireless data connections.

Answer: B

Explanation: PL/SQL program units can be stored in Oracle Server and in the application at the client side. Making such a division will allow optimal use of resources at the server and client because jobs will be divided between the server and client. This applies the term Application Partitioning.

QUESTION NO: 39

Which three built-ins can you use to navigate between forms invoked with the OPEN_FORM built-in? (Choose three)

- A. CLOSE_FORM
- B. NEXT_FORM
- C. GO_FORM
- D. PREVIOUS_FORM

Answer: B, C, D

Explanation: OPEN_FORM opens the form in modeless mode so that users can switch between calling form and called form. To navigate to the form NEXT_FORM, GO_FORM and PREVIOUS_FORM can be used. CLOSE_FORM will close the indicated form.

QUESTION NO: 40

Which two triggers are mouse movement triggers? (Choose two)

- A. When-Mouse-Up
- B. When-Mouse-Move
- C. When-Mouse-Down
- D. When-Mouse-Click
- E. When-Mouse-Leave

Answer: B, E

Explanation: Mouse movement triggers are Moving mouse over an item or canvas "WHEN-MOUSE-MOVE" or mouse pointer leaves item box or canvas "WHEN-MOUSE-LEAVE". MOUSE-UP, MOUSE-DOWN and MOUSE-CLICK are actions of mouse buttons and not considered mouse movement triggers.

QUESTION NO: 41

The record group in the EMP form is populated using a SELECT statement that is constructed programmatically at runtime. Five employee records are displayed at one time, and a user chooses item two from the record group. Which built-in would you use to determine which rows were flagged in the record group?

- A. GET_GROUP_ROW_COUNT
- B. GET_GROUP_SELECTION_COUNT
- C. GET_GROUP_SELECTION
- D. FIND_GROUP
- E. FIND_COLUMN
- F. ADD_GROUP_ROW

Answer: C

Explanation: GET_GROUP_SELECTION Retrieves the sequence number of the selected row for the given group. The GET_GROUP_SELECTION_COUNT built-in returns the number of rows in the specified record group that have been marked using the SET_GROUP_SELECTION built-in.

QUESTION NO: 42

You want to create a temporary table while executing a procedure in a form. Which statement is true?

- A. You cannot create a table form within Forms.
- B. You must use the FORMS_DDL built-in to create the table.
- C. You must use the DBMS_DYNAMIC_DDL package to create the table.
- D. You can write the CREATE TABLE statement directly into the trigger.

Answer: B

Explanation: The FORMS_DDL built-in allows you to create dynamic SQL statements at runtime and to issue DDL commands. All DDL operations issue an implicit COMMIT and will end the current transaction without allowing Form Builder to process any pending changes, as well as losing any locks Form Builder may have acquired.

QUESTION NO: 43

Your end users will need to change values in a REF lookup field in the form application you create. To facilitate choosing a new appropriate value, you provide them with?

- A. An LOV for REFS.
- B. A list item for REFS.
- C. A radio group for REFS.
- D. A hierarchical tree for REFS

Answer: A

Explanation: LOV is used to display REF lookup field because the same LOV gets attached to all the lookup items associated with a particular REF. List item, radio group and hierarchical tree are not used for REF lookup field.

QUESTION NO: 44

Form_A invokes Form_B in Post-Only mode. Which statement must be true?

- A. Form_A has updates or deletes that have not been posted or committed, and Form_A invokes Form_B with the OPEN_FORM built-in.
- B. Form_A has updates or deletes that have not been posted or committed, and Form_A invokes Form_B with the CALL_FORM built-in.

- C. Form_A has inserts that have not been posted or committed, and Form_A invokes Form_B with the OPEN_FORM built-in.
- D. Form_A has inserts that have not been posted or committed, and Form_A invokes Form_B with the CALL_FORM built in.

Answer: B

Explanation: A form that is called from another form (with changes pending) using CALL_FORM is in post only mode. When a form is in post only mode, it cannot perform commits. Changes to the called form must be committed along with the change in the calling form by committing in the calling form. Post-only mode can occur when your form issues a call to another form while unposted records exist in the calling form. To avoid losing the locks issued by the calling form, Form Builder prevents any commit processing in the called form.

QUESTION NO: 45

Which value is valid for the iterate parameter in the CREATE_TIMER built-in function?

- A. CYCLE
- B. ITERATE
- C. NO_REPEAT
- D. REUSE

Answer: C

Explanation: The syntax for the CREATE_TIMER built-in is:

CREATE_TIMER (timer_name, milliseconds, iterate);

The value for iterate can be REPEAT or NO_REPEAT. The default is REPEAT. This instructs the timer to repeat after each expiration. It will not repeat if the timer is created using the NO_REPEAT keyword.

Omitting the milliseconds parameter results in a compilation error.

QUESTION NO: 46

You need to display a very large single-record data block. Since it will be so large, a convenient means of navigation is needed between items. Which type of canvas would you use to display the data block?

- A. Tab canvas.
- B. Pop up canvas.
- C. Spread table canvas.
- D. Vertical toolbar canvas.

Answer: A

Explanation: Tab canvas can be used to display large data block, It can display items which make them easy to navigate. No Popup canvas or Spread Table canvas or vertical toolbar used to display large blocks

QUESTION NO: 47

You need to base a data block on the EMP table, but you do not want to give the users of the application access privileges on the table. Which type of data source would you use to create the data block?

- A. table
- B. transactional trigger
- C. stored procedure
- D. FROM clause query

Answer: C

Explanation: Stored Procedure used to with IN parameter to retrieve data based on the parameter sent by the application to display different data depending on the parameter sent. A SELECT statement is assigned to a REF cursor when it is opened using the OPEN FOR statement. Therefore, the procedure could contain multiple OPEN FOR statements, each with a different SELECT statement. The value of the IN argument will then be evaluated to determine which OPEN FOR statement should be executed.

QUESTION NO: 48

Examine this portion of code:

```
timer_id := FIND_TIMER('my_timer');
-- <missing code here>
DELETE_TIMER(timer_id);
END IF;
```

Select the missing code that would delete the timer.

- A. IF timer_id IS NULL THEN
- B. IF ID_NULL(timer_id) THEN
- C. IF timer_id IS NOT NULL THEN
- D. IF NOT ID_NULL(timer_id) THEN

Answer: D

Explanation : ID_NULL Return Boolean that represent if the object has internal ID in the application. If ID exist it returns FALSE and if ID does not exist it return TRUE . FIND_ID returns the internal ID of the object. GET_ID and FIND_ID do not exist in oracle forms. IF NOT ID_NULL(timer_id) will execute when timer id exists.

QUESTION NO: 49

Which canvas built-in display the given canvas in front of any stacked canvases?

- A. HIDE_VIEW
- B. SHOW_VIEW
- C. SET_CANVAS_PROPERTY
- D. REPLACE_CONTENT_VIEW

Answer: B

Explanation : SHOW_VIEW Displays the indicated canvas at the coordinates specified by the canvas's X Position and Y Position property settings. If the view is already displayed, SHOW_VIEW raises it in front of any other views in the same window.

QUESTION NO: 50

As an alternative to setting the Visible property to No for the ORDERS_WINDOW, which built-in could you use to achieve the same result?

- A. HIDE_WINDOW
- B. CLOSE_WINDOW
- C. REPLACE_CONTENT_VIEW
- D. GET_WINDOW_PROPERTY

Answer: A

Explanation : HIDE_WINDOW Hides the given window. HIDE_WINDOW is equivalent to setting VISIBLE to No by calling SET_WINDOW_PROPERTY.

QUESTION NO: 51

When a repeating timer expires, _____.

- A. The When-Timer-Expired trigger resets the timer's iteration parameter.
- B. The When-Custom-Item-Event trigger fires and executes the desired actions.
- C. It is put in a queue of expired timers for processing on a first-in-first-out basis.
- D. The When-Timer-Expired trigger fires instantly regardless of any other processing in the form module.

Answer: C

Explanation : When the timer expires in sent to a queue of expired timers for processing . When the timer is in the queue it's processed by first-in-first-out. GET_APPLICATION_PROPERTY will return the last expired timer in the list which can be processed for deletion iwht DELETE_TIMER.

QUESTION NO: 52

How can you modify the application to return more meaningful error messages to the user?

- A. Create a custom messages table.
Include the necessary error handling code in the form modules to display the meaningful custom message instead of the ORA- error message.
- B. Provide users with a form in the application to query the ORA- error, that will return a custom message to replace the ORA- message.
- C. Eliminate constraints where possible, thereby limiting the number of error messages returned.
- D. Create a procedure to include the RETRIEVE_MESSAGE built-in that automatically translates common server errors into meaningful messages for use in Forms.

Answer: A

Explanation : To modify error messages with meaningful error message custom messages table can be created with meaningful error messages and On Error is used to Replace a default error message with a custom error message, or to trap and recover from an error.

QUESTION NO: 53

You are creating a data block based on a stored procedure returning a table of records. So far, you have defined the record type as follows:

```
Type emprec IS RECORD (empno emp.empno%TYPE,
                        ename emp.ename%TYPE) ;
```

Select the line of code that completes the definition of the table of records.

- A. emptab emprec%TYPE;
- B. CREATE TABLE emptab As emprec;
- C. TYPE emptab IS TABLE OF RECORDS emprec;
- D. TYPE emptab IS TABLE OF emprec INDEX BY BINARY_INTEGER;

Answer: D

Explanation : A table of records is declared using the TYPE command:

```
TYPE reservation_tab IS TABLE OF reservation INDEX BY BINARY_INTEGER;
```

The clause "INDEX BY BINARY_INTEGER" is required to declare a table of records.

QUESTION NO: 54

Which built-in allows you to update the screen display to reflect the information that Forms has in its internal representation of the screen?

- A. SYNCHRONIZE
- B. UPDATE_FORM
- C. SYNCHRONIZE_FORM
- D. GET_MEMORY_DISPLAY
- E. SET_MEMORY_DISPLAY

Answer: A

Explanation : The SYNCHRONIZE built-in updates the screen display to reflect the information that Form Builder has in its internal representation of the screen .

QUESTION NO: 55

You created a custom menu for the Order Entry application. The shipping administrator has requested an additional submenu containing four items to invoke various reports.

Which command type must you use to identify the parent menu item as a submenu?

- A. Menu
- B. Plus
- C. Macro
- D. PL/SQL

Answer: A

Explanation : There are three types of menus: main, individual, and submenu. The Menu can be used to identify menu item or parent menu item in case it's used in submenu.

QUESTION NO: 56

The accounting manager wants you to create a form that when queried will display a calculated total of year-to-date actual expenditures for the found code entered. The values needed to generate this summary data are stored in multiple tables.

Which data source type can you assign to the data block for this form without having the DBA create a database object?

- A. database table
- B. transactional trigger
- C. stored procedure
- D. FROM clause query
- E. client-side procedure

Answer: D

Explanation : The From clause data source enables you to create a block based on a SELECT statement. This is similar to basing a block on a view, however, the view does not have to be created in the database. When a query is executed on this type of block, the SELECT statement is sent to the database, and the resultant rows are returned to the block. Use this data source in place of creating a database view or table. However, unlike a table or view, DML operations are not allowed.

QUESTION NO: 57

Where can you add your own PL/SQL code in relation-handling triggers?

- A. Before the "End default relation program section" comment.
- B. After the "Begin default relation program section" comment.
- C. Before the "Begin default relation program section" comment.
- D. It is not possible to modify the relation-handling code that Forms automatically creates for relations.

Answer: C

Explanation : Relation-Handling triggers are created automatically when relation is built between Master and Detail blocks. Relation-handling will have comments inserted automatically Before the "Begin" and after the "End" default sections to allow users to replace them with developer PL/SQL custom code.

QUESTION NO: 58

Which value is valid for the iterate parameter in SET_TIMER built-in procedure?

- A. REUSE
- B. RECYCLE
- C. NO_CHANGE
- D. OCCURRENCE

Answer: C

Explanation : SET_TIMER Changes the settings for an existing timer. You can modify the interval, the repeat parameter, or both. The parameter NO_CHANGE Specifies that the milliseconds property is to remain at its current setting.

QUESTION NO: 59

You create a data block based on a relation table containing a REF column. You select the REF column for your form module.

Which statement about the REF column is true?

- A. It is created as a nondisplay item.
- B. The Lock Record property is set to Yes.
- C. It cannot be referenced in item level triggers.
- D. It is placed on the canvas with the highest sequence number.

Answer: A

Explanation : When creating a data block based on a table that contains a REF column, the Data Block Wizard will display two instances of this type of column. The first instance is the regular object column and all of its attributes. Selecting the attributes of this instance creates normal items in the data block. The second instance is the REF itself. Choosing this instance creates a nondisplay item on a null canvas.

QUESTION NO: 60

Which three objects can be components of a menu module? (Choose three)

- A. windows
- B. parameters
- C. object groups
- D. report objects
- E. visual attributes

Answer: B, C, E

Explanation : Menu module components could be parameters which can be passed between menu item and forms. Also menu module component could be Object Group and Visual Attributes.

QUESTION NO: 61

You create a package that contains PL/SQL variables that must be shared among several forms in the Travel application. You place the package in a library and attach the library to all the forms that need to share the data.

Which parameter in the OPEN_FORM built-in must you set to ensure that changes made by one form are visible to the other forms in the application?

- A. data_mode
- B. paramlist
- C. query_mode
- D. session_mode

Answer: A

Explanation : Use OPEN_FORM to create multiple-form applications, that is, applications that open more than one form at the same time. Data mode value is NO_SHARE_LIBRARY_DATA (The default.) At runtime, Form Builder will not share data between forms that have identical libraries attached (at design time).

QUESTION NO: 62

How can you change the cursor style in your form?

- A. Open the form module property palette and set the Cursor Style property.
- B. From the Tools menu, select Preferences-->Runtime Settings.
- C. Use the GET_APPLICATION_PROPERTY and SET_APPLICATION_PROPERTY built-ins.
- D. You cannot change the cursor style.

Answer: C

Explanation : GET_APPLICATION_PROPERTY and SET_APPLICATION_PROPERTY built-ins are used to Get and Set properties of the form applications. CURSOR_STYLE parameter Returns the name of the current cursor style property.

QUESTION NO: 63

Which trigger property applies to Key triggers?

- A. Hide Keys
- B. Show Menu Keys
- C. Hide Menu Keys
- D. Display in 'Keyboard Help'
- E. Hide Keys Description

Answer: D

Explanation : Key triggers allow you to modify the standard functionality of a function key. These triggers are subprograms that execute when a certain key is pressed. Key triggers allow you to modify, replace, or disable the standard functionality of a function key. Display in 'Keyboard Help' can be an application of key trigger.

QUESTION NO: 64

Which two statements are true about record groups? (Choose two)

- A. They are stored in the database.
- B. They are stored in local Forms memory.
- C. The type is specified explicitly at design time.
- D. The type is implied by when and how it is created.

Answer: B, D

Explanation : When record groups are created they will be stored in the local forms memory where they created. Record group can be created from a query with CREATE_GROUP_FROM_QUERY or created manually using CREATE_GROUP the type is implied by when and how it is created.

QUESTION NO: 65

You need to change the text of a pop-up menu that appears when a user right clicks the mouse in the EMP_DATA data block. Where could you find the node for the pop-up menu in the Object Navigator?

- A. Built-in Packages
- B. Menus
- C. PL/SQL Libraries
- D. Object Libraries
- E. Form Module

Answer: E

Explanation : Pop-up menus can be created in a form module. It must be attached to an item or canvas of a form. The user can click the right mouse button to invoke the pop-up menu when the mouse is on the item or canvas.

QUESTION NO: 66

Which built-in would you use to test whether the CREATE TABLE command issued in the SALES form executed successfully?

- A. FORMS_DDL
- B. DO_SQL
- C. FORM_SUCCESS
- D. FORM_NOT_SUCCESS
- E. DBMS.ERROR_CODE

Answer: C

Explanation : FORM_SUCCESS Returns the outcome of the action most recently performed during the current Runform session.

Outcome	Returned Value
success	TRUE
failure	FALSE
fatal error	FALSE

QUESTION NO: 67

Examine the code below:

```
FUNCTION check_window RETURN VARCHAR2 IS
BEGIN
    RETURN (GET_VIEW_PROPERTY(GET_ITEM_PROPERTY(
        NAME_IN('system.cursor_item'), item_canvas),
        window_name));
END;
```

What does this function return?

- A. The name of the item where the cursor is located.
- B. The name of the form where the cursor is located.
- C. The name of the window where the cursor is located.
- D. The name of the canvas where the cursor is located.

Answer: C

Explanation : The GET_ITEM_PROPERTY is used to retrieve property of a specific item. ITEM_CANVAS parameter Returns the name of the canvas to which the item is assigned. When used with GET_VIEW_PROPERTY which retrieve a property for specific view it will return the name of the window where the cursor is located since system.cursor_item is used in the GET_ITEM_PROPERTY.

QUESTION NO: 68

You are developing a Hotel Booking application for a travel company. The users request a wizard-style interface for this application. How could you satisfy this requirement?

- A. Reference the Object Iron packages in your form module.
- B. Write an HTML interface, and invoke it from your form module.
- C. Include the Wizard class reusable component in your application.
- D. Build a customized wizard using tab canvases and a horizontal toolbar canvas.

Answer: C

Explanation : The Wizard class reusable component allows you to add a wizard-style interface to your application. This type of interface is similar to the wizards found in Oracle Developer builders. Creating an interface to step a customer through the playset building process is an ideal use of this component. This component is found in the stdrd20.olb library. You could build this wizard-style interface by using tab and horizontal toolbar canvases and writing the necessary code, but this would take much longer than using the Wizard class.

QUESTION NO: 69

Which statement about windows and blocks is true?

- A. Transaction management is block-oriented rather than window-oriented.
- B. Forms automatically navigates to an item located in an activated window.
- C. A window may contain multiple blocks, but each block can only span one window.
- D. A window can contain multiple canvases, and an item can be located on multiple canvases.

Answer: A

Explanation : Transaction management in Oracle Forms is block based. Commit processing takes place in the block sequential order. Each item of a block may be assigned to a canvas and each canvas is assigned to a window. Therefore, a block can be displayed in multiple windows.

QUESTION NO: 70

What does the following code do?

BEGIN

```
IF GET_RECORD_PROPERTY(3, 'ORD', status) = 'CHANGED' THEN
    SET_RECORD_PROPERTY(3, 'ORD', status, query_status);
END IF;
```

END ;

- A. If the third property in the ORD block is changed, set the status back to QUERY.
- B. If the third record in the current block is set to ORD, set the status back to QUERY.
- C. If three records are changed database records in the ORD block, set the status back to QUERY.
- D. If the third record in the ORD block is changed database record, set the status back to QUERY.

Answer: D

Explanation : SET_RECORD_PROPERTY Sets the specified record property to the specified value. QUERY_STATUS Specifies that the record is to be treated as a QUERY record, whether it actually is. The syntax is :

```
SET_RECORD_PROPERTY
(record_number NUMBER ,
block_name VARCHAR2,
property NUMBER,
value NUMBER);
```

So If the third record in the ORD block is changed database record, set the status back to QUERY.

QUESTION NO: 71

The data blocks in your form module are based on object tables. How would you create a master-detail relationship between two of these blocks?

- A. Use the Data Block Wizard and base the relation on a REF pointer.
- B. In the Object Navigator, select the Relation node under the master block and click the Create icon. Build the relation manually and coordinate the blocks using triggers.

- C. Use the Data Block Wizard, and base the relation on the primary key-foreign key relationship in the database.
- D. This task is not possible because master-detail relations can be implemented only for blocks based on relational tables.

Answer: A

Explanation : when you want to coordinate the two blocks using a REF. You have already created the master block and the detail block. Next, you should click the Create Relationship button in the Data Block Wizard. This will open the Relation type dialog box and allow you an option of creating the relation using a REF instead of a foreign key.

QUESTION NO: 72

Which built-in copies values from a list item into a record group?

- A. RETRIEVE_LIST
- B. RETRIEVE_GROUP
- C. RETRIEVE_LIST_ITEM
- D. RETRIEVE_GROUP_FROM_LIST
- E. RETRIEVE_GROUP_FROM_LIST_ITEM

Answer: A

Explanation : The RETRIEVE_LIST built-in retrieves and stores the contents of the specified list item into the specified record group.

Example:

```

DECLARE
MyRecord RECORDGROUP;
FirstColumn RECORDCOLUMN;
SecondColumn RECORDCOLUMN;
BEGIN
MyRecord := CREATE_GROUP ('ratings_rg');
FirstColumn := ADD_GROUP_COLUMN (rg_id,'label',character_column);
SecondColumn := ADD_GROUP_COLUMN (rg_id,'rating',character_column);
RETRIEVE_LIST ('customer_ratings_list', MyRecord);
END;
```

QUESTION NO: 73

The telesales force requested additional ways to terminate the automated polling questionnaire. In addition to the default functionality, you provide a menu item and a button for this purpose. Adhering to efficient coding practices, which PL/SQL code do you use for the menu item and the button?

- A. EXIT;
- B. EXIT_FORM;
- C. DO_KEY ('Key-Exit');
- D. DO_KEY ('EXIT_FORM');

Answer: D

Explanation : The DO_KEY built-in function executes the key trigger associated with the built-in that is specified as its parameter. If no associated key trigger exists, then the specified built-in subprogram executes. For example, DO_KEY('EXIT_FORM'), when executed, will search for a Key-Exit trigger. If it does not find a Key-Exit trigger, it will execute the EXIT_FORM built-in.

QUESTION NO: 74

You create a master-detail form. The users need to be able to exit the form quickly, adhering to default transaction processing, regardless of the cursor location. You believe you can achieve this using a Key-Exit trigger.

What do you need to do to implement this request?

- A. Define a Key-Exit trigger for all the blocks in the form.
- B. In the Object Navigator, highlight all the items and define a Key-Exit trigger.
- C. Define a Key-Exit trigger on the primary key item in the master block.
- D. No additional key-trigger definition is necessary.

Answer: D

Explanation : Creating a When-Button-Pressed trigger including the EXIT_FORM built-in would not execute the customized code found in the Key-Exit trigger. However, a When-Button-Pressed trigger with DO_KEY('EXIT_FORM') would execute the Key-Exit trigger, if one exists. No need for additional key-trigger definition is necessary.

QUESTION NO: 75

Which is an example of a dynamic SELECT statement?

- A. A query whose object names change during its execution.
- B. A query whose object names are not known until run time.
- C. A query whose bind variables values change during execution.
- D. A query whose bind variable values are not known until run time.

Answer: B

Explanation : When the select statement queries database with objects specified at run time it's considered to be a dynamic SELECT statement. Object names will specified at run time. FORM_DDL executes queries for the form that will specify object names at run time. FORM_DLL can construct dynamic query.

QUESTION NO: 76

Which datatype is returned by the FIND_MENU_ITEM built-in function?

- A. number
- B. Boolean
- C. menuitem

D. VARCHAR2

Answer: C

Explanation : FIND_MENU_ITEM Searches the list of menu items and returns a menu item ID when it finds a valid menu item with the given name.

QUESTION NO: 77

In the COURSE_ENROLLMENT form module, you define a master-detail relation between the COURSES_OFFERED data block and the STUDENT data block, respectively.

To implement block coordination, which statement must be true?

- A. The Enforce Primary Key property on the STUDENT block is set to Yes.
- B. The Alias property on the COURSES_OFFERED block is set to Student.
- C. The Copy Value from item property on the foreign key item in the STUDENT blocks is set to the primary key item of the COURSES_OFFERED block.
- D. The Synchronize with item property on the foreign key item in the STUDENT block is set to the primary key item of the COURSES_OFFERED block.

Answer: C

Explanation : Synchronize with item property Specifies the name of the item from which the current item should derive its value. Setting this property synchronizes the values of the two items, so that they effectively mirror each other. When the end user or the application changes the value of either item, the value of the other item changes also. This property is used when you define master-detail relationship between two blocks.

QUESTION NO: 78

You write a procedure that will be called from two level triggers and a database trigger.

Where should you store this code?

- A. On the Oracle server.
- B. Locally in each form module.
- C. In an attached PL/SQL library
- D. On your file network server.

Answer: A

Explanation : Stored Procedures are stored in Oracle Server. These stored procedures can be called by the form applications and from the triggers specified in Forms. Stored procedure can be called also from database triggers. Database triggers can not call libraries stored in Forms at the client applications.

QUESTION NO: 79

You need to create a data block for query operations in the RETIRED_EMPLOYEES form module. Which three data sources can you use for this block? (Choose three)

- A. vector

- B. database view
- C. database table
- D. transactional trigger
- E. PL/SQL table of records
- F. multi-dimensional array

Answer: B, C, D

Explanation : A data block can be based on a relational table, Database view, an object table that is based on a single object type, and a relational table that uses a REF column. It cannot be based on a varray column, a stored procedure that returns an object value, and object tables that are based on a complex type. transactional triggers are typically used when Form Builder is running against a non-ORACLE data source. These triggers include ON-FETCH, ON-LOCK, ON-ROLLBACK.

QUESTION NO: 80

Which two PL/SQL8 features are supported in Oracle Forms? (Choose two)

- A. methods
- B. object tables
- C. object columns
- D. collection types
- E. object as stored procedure parameters

Answer: B, C

Explanation : Blocks can be based on object tables and items can be based on object columns within Oracle Forms. Oracle Forms also supports declaration of LOB variables. However, Oracle Forms does not support the declaration of collection variables. It also does not support objects as stored procedure parameters.

QUESTION NO: 81

What is the data type returned by the CREATE_TIMER built-in?

- A. long
- B. timer
- C. number
- D. varchar2

Answer: B

Explanation : The CREATE_TIMER built-in returns the internal ID of the timer. Therefore, the V_TIMER variable must be declared with a datatype of TIMER.

QUESTION NO: 82

You have written a custom menu for a Forms application. You saved the menu module to the file custmenu.mmb. In the Property Palette for the form, you set the Menu Module property to custmenu. When you run the form, the custom menu does not appear.

What can you do to fix this problem?

- A. Generate the menu module executable.
- B. Save the menu module as custmenu.mmx.
- C. In the Property Sheet for the form, set the Starting Menu property to custmenu.
- D. In the Property Sheet for the form, set the Menu Module property to custmenu.mmb.

Answer: A

Explanation : An Oracle Developer menu module must be compiled to create the executable file (.MMX). This file must be attached to a form application.

Select File-->Administration-->Compile File to compile a menu. To attach the menu module to a form, navigate to the form module property sheet and locate the Menu Module property. Specify the name of the menu in this property.

QUESTION NO: 83

You want to make use of the object features available in the database for the form module you are developing.

Which three statements about object types are true? (Choose three)

- A. An object type is a user-defined composite data type.
- B. The attributes of an object type can be those of other object types.
- C. A PL/SQL table of records is an example of a nested object type.
- D. An object type must be declared as a type before the actual object itself can be declared.

Answer: A, B, D

Explanation : Object types is a user-defined composite data type and each attribute of an object type can be an object type of other types specified. But object types must be declared first as type before they are declared in other object types.

Example:

```
CREATE OR REPLACE TYPE name_typ AS OBJECT
(f_name VARCHAR2(25),
l_name VARCHAR2(25),
initials VARCHAR2(7));
```

```
CREATE TABLE name_table OF name_typ;
```

QUESTION NO: 84

What are three uses for record groups? (Choose three)

- A. To pass data to a pop-up menu.
- B. To populate a base table block.
- C. To pass data to other form modules.

- D. To pass data to other Oracle products.
- E. To dynamically construct SELECT statements.
- F. To server as the source for a FROM clause query.

Answer: C, D, E

Explanation : Regardless of how a record group is created, it can be used to send information to another form or Oracle Developer product such as Reports and Graphics. The SELECT statement can be built during runtime and used for a programmatically created record group or design time record group. Record groups can be populated using the POPULATE_GROUP_WITH_QUERY built-in. Record groups cannot be used as a source for a data block, menu item, or FROM clause query.

QUESTION NO: 85

Which scenario describes an appropriate use for opening a form in a new session?

- A. The data entered into the called form is logically independent of the data entered in the calling form.
- B. The called form requires different privileges than the calling form.
- C. The called form must execute as a different user than the calling form.
- D. The calling form must be able to query data in the called form before it is saved.

Answer: A

Explanation: OPEN_FORM and CALL_FORM are built-ins that can invoke a form. Only the OPEN_FORM built-in can invoke a form using a new database session by using the SESSION_MODE parameter. For example:

```
OPEN_FORM ('customer',ACTIVATE,SESSION);
```

The SESSION keyword instructs Forms to open the CUSTOMER form with a new session. Therefore, DML operations performed in the CUSTOMER form will be part of a separate transaction. Committing in the CUSTOMER form will not affect the transaction in the ORDER form.

QUESTION NO: 86

You create a multiple form application- Which built-in must you use to invoke the form modules to enable you to programmatically control navigation between the multiple forms in your application?

- A. NEW_FORM
- B. OPEN_FORM
- C. CALL_FORM
- D. CLOSE_FORM

Answer: B

Explanation: Because OPEN_FORM opens forms as modeless windows, users can switch freely to different open forms. Therefore, it is most appropriate for invoking forms from the application-system

menu. However, a disadvantage of using OPEN_FORM is that it is hard to keep multiple open forms synchronized.

QUESTION NO: 87

You are creating the SAL_INFO data block on the EMP_QUERY form. The SALARY field should only be populated if the logged-on user is a manager. Since this query could potentially return a large amount of records, you have created a stored procedure which uses a ref cursor on which to base the data block.

How would you create the data block?

- A. Click the Data Blocks node in the Object Navigator and click the create button.
Choose to build the data block manually.
Enter the procedure name in the Query Data Source Columns property and the procedure code in the Query Data Source Arguments property.
- B. Choose Tools -> Data Block Wizard, select Table as the data source type, and base the data block on the columns included in the procedure.
- C. Select the Data Blocks node in the Object Navigator and click the Create button.
Choose to build the data block manually, alter the Query Data Source Type property to 'Ref cursor', and enter the name of the procedure in the Query Data Source Name property.
- D. Select the Data Blocks node in the Object Navigator and click the Create button.
Alter the Query Data Source Name, Query Data Source Columns, and Query Data Source Arguments properties to create a stored procedure that uses a ref cursor.
- E. Launch the Data Block Wizard, select Stored Procedures as the data source type, and base the block on the procedure.

Answer: E

Explanation: Data block can be based on stored procedure that uses REF cursors. Basing data blocks on such procedures can be done using the Data Block Wizard. Select Stored Procedures as the data type of the data block.

QUESTION NO: 88

You want the user to toggle between two states of a check box in the SALES data block. When the box is checked the value is 'True' and if it is unchecked the value is 'False'. Which built-in could you use in a When-Checkbox-Changed trigger to obtain the current master/detail query behavior?

- A. GET_BLOCK_PROPERTY
- B. GET_RELATION_PROPERTY
- C. SET_RELATION_PROPERTY
- D. WHEN_MOUSE_CLICK
- E. LIST_VALUES

Answer: A

Explanation: GET_BLOCK_PROPERTY Returns information about a specified block. COORDINATION_STATUS parameter For a block that is a detail block in a master-detail block relation, this property specifies the coordination status of the block with respect to its master block(s). Returns the VARCHAR2 value COORDINATED if the block is coordinated with all of its master blocks. If it is not coordinated with all of its master blocks, the built-in returns the VARCHAR2 value ON_COORDINATED. Immediately after records are fetched to the detail block, the status of the detail block is COORDINATED.

QUESTION NO: 89

Which three values are valid parameters for the DO_KEY built-in? (Choose three)

- A. ENTER
- B. GO_ITEM
- C. VALIDATE
- D. EXIT_FORM
- E. EXECUTE_QUERY

Answer: A, D, E

Explanation: The DO_KEY built-in function executes the key trigger associated with the built-in that is specified as its parameter. If no such key trigger exists, then the specified subprogram executes. The parameter must be a built-in that is associated with a key trigger. VALIDATE GO_ITEM are not a built-in that can be executed by the default action of a key.

QUESTION NO: 90

You need to create a trigger to locate the Product report in the Rpt_Server, run the report, and test the status of the report. Which three built-ins would you use to accomplish this task? (Choose three)

- A. RUN_PRODUCT
- B. SET_REPORT_OBJECT_PROPERTY
- C. RUN_REPORT_OBJECT
- D. FIND_REPORT_OBJECT
- E. REPORT_OBJECT_STATUS
- F. COPY_REPORT_OBJECT_OUTPUT

Answer: C, D, E

Explanation:

RUN_REPORT_OBJECT built-in Use this built-in to run a report from within a form. You can run the report against either a local or remote database server. Executing this built-in is similar using the RUN_PRODUCT built-in on a report.

FIND_REPORT_OBJECT built-in Returns the report_id for a specified report. You can use this ID as a parameter for other built-ins, such as RUN_REPORT_OBJECT .

REPORT_OBJECT_STATUS built-in Provides status of a report object run within a form by the RUN_REPORT_OBJECT built-in.

QUESTION NO: 91

Which two statements are true about mouse button variables? (Choose two)

- A. SYSTEM.MOUSE_BUTTON_PRESSED returns a string.
- B. SYSTEM.MOUSE_BUTTON_PRESSED returns a numeric value.
- C. A possible value for SYSTEM.MOUSE_BUTTON_MODIFIERS is Control+Alt+Delete.
- D. SYSTEM.MOUSE_BUTTON_MODIFIERS can only be references in form-level triggers.
- E. SYSTEM.MOUSE_BUTTON_MODIFIERS identifies which special key was pressed in conjunction with the usual mouse button action.

Answer: B, E

Explanation: SYSTEM.MOUSE_BUTTON_PRESSED indicates the number of the button that was clicked, either 1, 2, or 3 (left, middle, or right). The value is always a character string.

SYSTEM.MOUSE_BUTTON_MODIFIERS indicates the keys that were pressed during the click, such as SHIFT, ALT, or CONTROL. The value is always a character string.

QUESTION NO: 92

You have a master-detail relationship in the EMPLOYEE form module. You set the Delete Record Behavior property to Cascading. When a user deletes a master record, how does Forms implement the cascade-delete foreign-key rule?

- A. With a Pre-Delete trigger.
- B. With an On-Delete trigger.
- C. With a Post-Delete trigger.
- D. With the On-Check-Delete-Master trigger.

Answer: A

Explanation: The Pre-Delete trigger Manipulate a record prior to its being deleted from the database during the default Post and Commit Transactions process; for example, to prevent deletion of the record if certain conditions exist.

QUESTION NO: 93

What is the use for the SET_TIMER built-in?

- A. Retrieve the timer ID.
- B. Change the timer name programmatically.
- C. Determine what to do upon timer expiration.
- D. Set the repeat behavior without changing the time interval.

Answer: D

Explanation: Timers can be modified using the SET_TIMER built-in.

Syntax:

```
SET_TIMER ('timer_name', milliseconds, iterate);
```

To keep a previously specified parameter value, you can specify NO_CHANGE.

QUESTION NO: 94

What are three characteristics of the CALL_FORM built-in? (Choose three)

- A. It is an unrestricted procedure-
- B. It is valid in Enter Query mode.
- C. It invokes a form in a modal window.
- D. It can only invoke a form in Query Only mode.
- E. It enables you to start a new database session.
- F. It enables free navigation between all opened form sin an application.

Answer: A, B, C

Explanation: The CALL_FORM built-in invokes a specified form as a modal window. It is unrestricted and can be executed during Enter Query mode.

Example:

```
CALL_FORM('customer');
```

QUESTION NO: 95

You want to provide a tool that allows users quick access to form modules, by listing them in an Explorer-style interface.

Which reusable component do you use?

- A. ActiveX controls
- B. Calendar Class
- C. Standard Object Library
- D. Picklist Class
- E. Wizard Class
- F. Navigator Class

Answer: F

Explanation: The Navigator class reusable component allows you to add an Explorer-style interface to your application. This type of interface is similar to the Object Navigator of the Oracle Developer builders. This component is found in the stndrd20.olb library.

QUESTION NO: 96

The users request that [F2], [F3], and [F4] be used to commit, rollback, and exit, respectively.

How do you accomplish this?

- A. Add the appropriate PL/SQL code for each key.
- B. Map the logical keys to the physical keys, then add the appropriate PL/SQL code for each key.
- C. Create an object library to define the key triggers, then reference the object library in the form.
- D. This cannot be accomplished because other function keys provide this functionality by default.

Answer: B

Explanation: Each local key should be mapped first to physical key. Then PL/SQL code can be add for each key to make function keys act as commit, rollback and exit actions.

QUESTION NO: 97

At design time, you create a query record group for the LOV associated with the HOTEL text item in a form module for the Travel Planner Application. When is the record group populated?

- A. When the user navigates to the HOTEL item.
- B. When the form module successfully compiles.
- C. After Form Builder validates the SELECT statement and dismisses the New Record Group dialog box.
- D. When the user enters data in the HOTEL item, and the Validate from List property for the HOTEL item is set to YES.

Answer: D

Explanation: When record group is used in a LOV for a text item, The record group is populated when the user enters data in the text item and the Validate From List property of the text item is set to YES.

QUESTION NO: 98

Examine this code:

```
BEGIN
  IF :SYSTEM.EVENT_WINDOW = 'WELCOME' THEN
    DO_KEY('exit_form');
  ELSE MESSAGE('Illegal operation');
  END IF;
END;
```

In which form level trigger would you implement this?

- A. When-Window-Closed
- B. When-Window-Changed
- C. When-Window-Resized
- D. When-Window-Activated

Answer: A

Explanation: The code IF :SYSTEM.EVENT_WINDOW = 'WELCOME' will check for active window name. DO_KEY('exit_form') will exit the form, This code can be called to check the name of the window which is about to close. It should be placed in When-Window-Closed form trigger.

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Section B – less important questions

Study these questions as well.

QUESTION NO: 1

You want to create a template to be used as a standard for all company reports, which are many different styles. How many different templates must you have if you plan to use multiple report styles?

- A. Two
- B. One
- C. One per report style.
- D. One per report style + one more

Answer: B

QUESTION NO: 2

You create a salary report to display employee salaries grouped by the dept column. You need to change the break order from ascending to descending using the model. How would you reverse the display order of the department?

- A. Double click the dept column in the group to alter the property palette and change the break out order value.
- B. Double click the dept column in the group to open the property palette and change the set break order value.
- C. Double click the g_dept group object to change the break order.
- D. Click the dept column in the group to change the break order.

Answer: A

QUESTION NO: 3

Using the report wizard you create a tabular report to display all the columns in the EMP table. The records are ordered by the dept_name and job columns. You need to create a hierarchical report that breaks on the dept_name and job values. Using the data model how would you create this break structure?

- A. Specify the break order on the g_emp group Property palette.
- B. Specify a break order on the dept_name and job columns property palettes.
- C. Click and drag the dept_name and jobs column out and above of the g_emp group to create a new parent group.
- D. Change the position of the dept_name and the job columns within the g_emp group.

Answer: C

QUESTION NO: 4

A few months ago, you created a sales transaction report using this query:

SELECT sales_ID, transaction number, amount

D. FROM sales

WHERE sales_date=trunc(sys date)

Today you need to modify the report to include each transactions % of totally daily transactions. How can you accomplish this task?

- A. In the data model add a summary column to the group to give up % of a total of the amount column.
- B. In the data model add a place holder column to the group to give a % of total of the amount column.
- C. In the data model add a summary column outside the group to give a % of total of the amount column.
- D. In the data model add a place holder column outside the group to give a % of total of the amount column.
- E. In the layout model add a final in the field in the repeating group to calculate a % of the total of the amount column.

Answer: A

QUESTION NO: 5

How are messages displayed when you use the SRW.MESSAGE packaged procedure?

- A. Dialogue box that implicitly determines report execution.
- B. Message line that implicitly determines report execution.
- C. Message line that suppresses the default oracle message.
- D. Dialogue box that does not terminate report execution.
- E. Dialogue box that suppresses the default oracle message.

Answer: D

QUESTION NO: 6

You created a tabular report for human resources department. After viewing layout users have requested that you change the label of the dept column to something more meaningful. How would you change the label in the live previewer?

- A. Use the report wizard to change the column label.
- B. Click and high light the column label and replace it with desired text.
- C. Click the column label and alter its property palette.
- D. Click the dept column and alter its property palette.

Answer: B

QUESTION NO: 7

You created a department report and preview it in life preview. The font for the department name is too small and you want to enlarge it but do not want to change the font for any other fields. What is the easiest way to make this change?

- A. Select the text to be enlarged in the life previewer and make the size change using the style bar.
- B. Select the text to be enlarged in the layout mode and make the change.
- C. Open the report wizard in the re-entrant mode and make the change.
- D. Make the copy of the report, open the copy, make the changes and then delete the original report.

Answer: A

QUESTION NO: 8

Your company has implemented the report's server three-tier architecture. From 4 to 5 P.M each day several departments begin running their daily reports. Which tier of this architecture will spawn extra run time engines to process the increased activity?

- A. Client
- B. Application
- C. Database server.
- D. These extra run time engines are not automatically created they must be initiated by the users executing the report.

Answer: B

QUESTION NO: 9

You created a tabular report for the sales department to display each customer and the sales person assign to the customer. The data is sorted by customer using the order by clause in this query. This is department manager asks you to alter the report so that data is sorted by sales person rather than by customer. What is the best way to make the needed change?

- A. Recreate the query and default the layout.

- B. Alter the query, default the layout and redo the boiler plates.
- C. Query and manually change the layout to save the boiler plate.
- D. Alter the query and make no further change.

Answer: D

QUESTION NO: 10

The CALC function is used several times within the sales report. To simplify maintenance you want to store the function in one place and call it from within your PL/SQL trigger code. Which node would you use in object navigator to create a report level programme unit to store the function?

- A. Programme units.
- B. PL/SQL libraries.
- C. Database object.
- D. Built in packages.

Answer: A

QUESTION NO: 11

You are developing an inventory report to list the item number, description price and picture of all inventory items. The layout of each item is a repeating frame that contains three fixed fields and a image. When possible you want all objects in the repeating frame to appear on the same logical page without creating blank pages between instances. Which pagination property would you alter to achieve these results?

- A. Page break before.
- B. Page break after.
- C. Page protect.
- D. Keep with anchoring object.

Answer: C

QUESTION NO: 12

You are creating a report containing two headers and three tailor pages. You set the logical page size to 2 into 1. The body if the report is four logical pages. How many physical pages is the entire report?

- A. 36
- B. 4
- C. 9

D. 13

Answer: D

QUESTION NO: 13

The IT department requested a report to list each server name and the name of each department that utilizes resources from each server. You create a tabular layout that breaks on the server name. You ran the report and noticed that the department field is too large for most of the department names. Which field size setting would you use to allow the field to be smaller but not larger than the field layout size?

- A. Fixed
- B. Expand
- C. Contract
- D. Variable

Answer: C

QUESTION NO: 14

The IT department is creating a human resources application that will require several new tables. You need to develop a standard alone executable that will defines these tables and their relationships. Which developer/2000 component could you use to create the executable?

- A. Procedure builder.
- B. Query builder.
- C. Schema builder.
- D. Form builder.
- E. Project builder.
- F. Transactional builder.

Answer: C

QUESTION NO: 15

You want to create a template to be used as a standard for all company reports. What is the easiest way to do this?

- A. Open an existing template file, rename it and modify the template objects.
- B. Open the report wizard and create a new template.
- C. Open the layout model and copy the paste items from the default templates provided in report builder.

D. Templates cannot be modified in release 2.

Answer: A

QUESTION NO: 16

In the data model you created two queries that produced two groups named employee and sales. The sales group is a child in the employee group. You establish a relationship between the two queries by creating a link. Which modifications would you make to the data link property sheet for this relationship?

- A. No modifications are needed because the default values represent the relationship.
- B. Modify the SQL clause to having and conditioned to like.
- C. Modify the SQL clause to where and condition to like.
- D. Modify the SQL clause to having and condition to =.

Answer: A

QUESTION NO: 17

The sales report needs to display the sales person with the highest order total. Which build report builder component would you use to create a place holder column to display the value?

- A. Report wizard.
- B. Layout model.
- C. Data model.
- D. Life previewer.

Answer: C

QUESTION NO: 18

The accounts receivable department requested an accounts status to allow users to enter either a customer name, customer number, customer phone number and then display the customer outstanding balance. You want to restrict the data retrieved based on values entered by the users. Which where clause would you write in the query to select statement to accomplish this task?

- A. &p_where_clause
- B. :p_where_clause
- C. WHERE CUST_ID=P_CUST_ID or cust_name=:p_cust_name or cust_phone=:p_cust_phone
- D. Where cust_ID=&p_custid cust_name=&p_cust_name or cust_phone=&p_cust_phone

Answer: A

QUESTION NO: 19

The order entry department requested a report to display the average time to enter an order from each order entry clerk sorted by supervisor with a group average after viewing the report users requested to bold the value for each supervisors group average. Where would you make this change?

- A. In the template used.
- B. In the data model.
- C. In the life previewer.
- D. In the field property palette.

Answer: C

QUESTION NO: 20

You created a report from the human resources department based on all the columns in the EMP table. After viewing the report users requested that the emp_ID columns peers first in the output. How would you change the position of the column?

- A. After the query.
- B. Enter the report and change the column's position in the field tab.
- C. Alter the column's position in the object navigator.
- D. Enter the report wizard and change the column's position in the data tab.
- E. Alter the column's position within its group and change the layout.

Answer: B

QUESTION NO: 21

The human resources department requested an employee report to high light those employees who are due for 30 days 6 months and 1 year evaluation. The higher_data field should display blue text for 30 days employee, a red text for 6 months employees and a green text for one year employees. You created a format trigger on the higher_data field to handle this task. What will happen if the format trigger returns a false value?

- A. The report execution will be halted.
- B. The higher_data file will not be displayed.
- C. The record will not be displayed.
- D. Nothing will happen.

Answer: B

QUESTION NO: 22

Which tool in the layout model could you use to create an external boiler plate object?

- A. Field
- B. Frame
- C. Button
- D. Rectangle
- E. Link file

Answer: E

QUESTION NO: 23

You are developing a report to allow customers in a department store to view product information. You added a button to the layout to allow customers to view the picture of the product. Which button property would you alter to specify the source of the .BMP file?

- A. Type
- B. Multimedia file
- C. Multi media file type
- D. Label type

Answer: B

QUESTION NO: 24

You are creating a tabular report for the sales department with a department break group. You need to ensure that if at least six sales records will not fit at the bottom of a page, the group will start on the next page.

Which printing frame property would you alter to achieve these results?

- A. Source
- B. Print direction
- C. Maximum records per page
- D. Minimum Widow records
- E. Column mode

Answer: D

QUESTION NO: 25

The registrar's office requested a report that lists each students, their advisors name and phone number. Each class has currently enrolled in and a great point average for each semester. To do this you need to pull data from the student, advisor, class and grade tables. From a performance point of view which data model options is preferable for data base access?

- A. Create one query and three additional groups.
- B. Create two query and two additional groups and then relate the groups.
- C. Create three queries and one additional group and then relate the groups.
- D. Create four queries and relate the groups.

Answer: A

QUESTION NO: 26

In the data model you created this query:

```
SELECT ID_no, description, price, quantity, manufacturer_ID  
FROM inventory
```

Next you click and drag the manufacturer_ID column out of and above the default group. You needed to sort the child group by ID_number. How could you accomplish this task?

- A. Add an order by clause to the query.
- B. In the data model double click the ID_number column and alter the break order.
- C. In the layout model double click the ID_number filed and later the print direction.
- D. Default the layout, choose a master/detail report style and select ID_number as the break order.

Answer: A

QUESTION NO: 27

The accounts receivable department requested a report with five columns of data several text fields and a graphic to be used as a customer invoice. After viewing the report users realize that one of the columns contains a redund data in the interest of performance. You want to remove the corresponding data base column from the report. How would this be accomplished without altering the text and graphics in the body of the layout?

- A. Remove the column from the select statement.
- B. Delete the field from the layout.
- C. Remove the column from the select statement and default the layout.
- D. Remove the column from the select statement and delete the field from the layout.

Answer: D

QUESTION NO: 28

You created an out standing accounts report for the accounts receivable department you saved the file to the database as a R10971. To adhere to your company's naming standard. Since the naming standard creates very simple report name your end user are often unsure that if they ran the right report. Which window could you use to overwrite the report title so that for the users it displays as out standing accounts?

- A. Tools (arrow sign) preference.
- B. Parameter form editor.
- C. Layout model.
- D. Report properties.

Answer: D

QUESTION NO: 29

The character mode sales report is stored on the network drive as a .REX. You need to make changes to the report layout. Using the report builder how would you change this file?

- A. Open the file using the menu option file->open make the changes and recompile the report.
- B. Convert the file into .REP file using the report compiler make the changes and convert the file back to a .REX file.
- C. Execute the R30CONV command to convert the file to a .RDF file, make the changes and convert the file back to a .REX file.
- D. Choose file -> administration->compile.
Convert the file to a .REP file, make the changes and convert the file back to a .REX file.
- E. Execute the R30CONV command to convert the file to a .REP file, make the changes and convert the file back to a .REX file.

Answer: D

QUESTION NO: 30

Which report style would you use to create a report listing each department and including a listing of employees beneath their respective department?

- A. Group left.
- B. Form like.
- C. Matrix W/group.

- D. Group above.
- E. Mailing label.
- F. Form letter.

Answer: D

QUESTION NO: 31

Human resources department requested a report to display the total number of employees working in each department. To begin you created this query:

```
SELECT dept_ID, count (employee_id)
FROM employee
C. GROUP BY dept_ID
```

You defaulted the layout and choose a tabular report style. In the layout model which property sheet would you alter to restrict the number of records appearing on each page?

- A. Frame
- B. Report
- C. Field
- D. Repeating frame

Answer: D

QUESTION NO: 32

When is an implicit anchor created?

- A. When an object is enclosed by another object.
- B. When a page break after pagination property is enabled.
- C. When a link is created between two objects.
- D. When a keep with anchoring object pagination property is enabled.

Answer: A

QUESTION NO: 33

Which statement is true about mouse events?

- A. The cursor style can be set to CAUTION.
- B. Double-clicking a mouse button can potentially fire six mouse event triggers.
- C. The values for the SYSTEM.MOUSE_BUTTON_PRESSED system variable can only be 1 or 2.

- D. Click and double-click button actions can only detect if the mouse is positioned in an item.

Answer: B

QUESTION NO: 34

You are creating the DEPT_SAL data block from the PAYHIST form. Users should be able to enter a valid department ID number, which will then display the employee salary information for that department. This data block could potentially retrieve a large number of records. Since users will probably only view a small number of these records, only 10 records should be fetched at one time. How would you create the data block?

- A. Select The Data Blocks node in the Object Navigator and click the Create button.
Choose to build the data block manually, enter the procedure name in the Query Data Source Columns property, and the procedure code in the Query Data Source Arguments property.
- B. Choose Tools -> Data Block Wizard, select Table as the data source type, and base the block on the columns from the tables.
- C. Choose Tools -> Data Block Wizard, select, View as the data source type, and base the block on the columns from the tables.
- D. Select the Data Blocks node in the Object Navigator and click the Create button.
Choose to build the data block manually, alter the Query Data Source Type property to 'FROM clause query', and enter the SELECT statement in the Query Data Source Name property.
- E. Select the Data Block node in the Object Navigator and click the Create button.
Alter the Query Data Source Type, Query Data Source Name, Query Data Sources Columns, and Query Data Source Arguments properties to create a stored procedure that uses a red cursor.

Answer: E

QUESTION NO: 35

The manager of the sales department requested all the sales data report execute daily 5 P.M. The result should be sent to her via e-mail. Which destination type would you use to send the output using your company's MAPI-compliant system?

- A. Screen
- B. Preview
- C. File
- D. Printer
- E. E-mail
- F. The destination type depends on how the manager prevents to preview the result.

Answer: E

QUESTION NO: 36

You are creating a report wizard to create a matrix report. The query build, you select the patient_name column from the patient table; the doctor_name from the doctors table; and the doctor_ID, patient_ID and ID columns from the procedure table. In the report wizard you select patient_name as the row value, doctor_ID as the column values and the count as the cell values. You need to add a total for each doctors column. In the wizard report which tab will allow you to create the summary column?

- A. Rows
- B. Totals
- C. Columns
- D. Cells
- E. Data

Answer: B

QUESTION NO: 37

How would you default the layout of a parameter form?

- A. Use the default layout tool in the parameter form editor.
- B. Select menu item tool->parameter form builder.
- C. Open the parameter form editor and select menu items tool->default layout.
- D. You cannot default the layout of the parameters.

Answer: B

QUESTION NO: 38

Using the reports server how would you force the orders report in the orders entry application to run every six hours?

- A. Schedule the report's execution in the queue manager.
- B. Schedule the reports execution using the R30RQM command line with scheduled parameter.
- C. Create a trigger in the application to execute the report every six hours.
- D. You cannot schedule a reports execution.

Answer: A

QUESTION NO: 39

You are developing a bonus report for the payroll application to calculate and display the bonus issue to each envelope. Employees with a salary of less than 50000\$ earn a bonus of 15% and the employees who earn 50000\$ or more earn out 10% bonus. Which type of trigger would you use to conditionally assign a bonus percentage?

- A. Report level trigger.
- B. Group filter.
- C. Format trigger.
- D. None of the above.

Answer: D

QUESTION NO: 40

A human resources department requested a report to show the total number of employees working in each department. To begin you created this query:

```
SELECT detp_ID, count (employee_ID)
FROM employee
GROUP BY dept_ID
```

You defaulted the layout and choose a tabular report style. In the layout model which object will enclose all the other layout objects?

- A. Field
- B. Master group frames
- C. Repeating frame
- D. Boiler plate

Answer: B

QUESTION NO: 41

You need to add a pop-up menu to the CV_EMP canvas to display when a user right-clicks the mouse within the canvas. How could you create the pop-up menu?

- A. Use the Layout Editor to create a pop-up menu, assign commands to the menu in the Menu Editor, and attach the menu items to the canvas.
- B. Use the Report Wizard to create a pop-up menu and attach the menu items to the canvas.
- C. Alter the pop-up Menu Property value in the Property Palette of the canvas.
- D. Use the Object Navigator to create a pop-up menu, assign commands to the menu items, and attach the menu to items or canvases.

Answer: D

QUESTION NO: 42

You are creating a sales data template and need to add a picture to the margin. What is the best way to add this margin?

- A. Choose the margin code in the object navigator and select file->import->image.
- B. Choose the margin node in the object navigator and use the tool bar button.
- C. Click the margin button in the layout model and select file->import->image.
- D. Click the margin button in the layout model and use the tool bar button.

Answer: C

QUESTION NO: 43

You are developing an inventory report for the purchasing department. To begin you creates this query:

```
SELECT ID_number, description, quantity, unit_price, quantity* unit_price  
'amount'  
FROM inventory
```

You need a report level total for the amount column. What is the best way to accomplish this task?

- A. Alter the query to perform the calculation.
- B. Create a formula column outside the default group.
- C. Create a summary column outside the default group.
- D. Create a formula column in side the default group.
- E. Create a summary column in side the default group.
- F. Create a place holder column outside the default group.

Answer: C

QUESTION NO: 44

You have forgotten the name of binary PL/SQL library saved to the operating system. This file contains the PL/SQL constricts you created for the inventory report. For which file extension should you reach?

- A. .SQL
- B. .PLL
- C. .PLD
- D. .PRT

Answer: B

QUESTION NO: 45

The transportation department requested a shipping cost report to list the resources used by each department. A separate page should be product for each department. Which property would you modify to achieve these results?

- A. Minimum widow records.
- B. Column mode.
- C. Spacing
- D. Print direction.
- E. Source
- F. Maximum records per page.

Answer: F

QUESTION NO: 46

You create the sales report and run it in the live previewer. After which change would the live previewer require the data?

- A. Removing column from the available list in the report wizard.
- B. Removing the column from the displayed list in the report wizard.
- C. Changing the display width of a column in the report wizard.
- D. Adding a column to both the available list and displayed list in the report wizard.
- E. Removing a column in the live previewer.

Answer: D

QUESTION NO: 47

You creating a report that will run in both character mode and bitmapped environments. You include some printer codes in your report. What will happen when you run the report in bitmapped mode?

- A. The report will not execute.
- B. The report will only accept destination type of previewer or printer.
- C. Printer codes will be ignored.
- D. Only the printer codes that apply will be processes.

Answer: C

QUESTION NO: 48

You create a tabular employee report and are concerned about readability because the employee records are very close together. What is the best way to increase the amount of white space between the records?

- A. In the layout model increase the size of the employee record fields.
- B. In the report wizard increase the display width values of the employee record fields.
- C. In the property palette increase the size of the repeating frame surrounding the employee records.
- D. In the life previewer, high light a field, click on the parent frame icon and make the frame bigger vertically.

Answer: D

QUESTION NO: 49

You are developing a tax report for the payroll application. You created a before parameter form report trigger to create three temporary tables to store text that are need while the report is executed. Which report trigger would you use to delete these temporary tables?

- A. Before parameter form.
- B. After parameter form.
- C. Before report.
- D. After report.

Answer: D

QUESTION NO: 50

You created a tabular report for the student housing authority that lists each student's name, student identification number, and dorm room number. The default setting prints each record below the previous record.

Which two print setting could you use to print the student records to the right of the previous record until an entire record cannot between the previous record and the right margin? (Choose two)

- A. Across
- B. Across/down
- C. Down
- D. Down/across
- E. Matrix

Answer: A, B

QUESTION NO: 51

You are creating a tabular report to display each employee's name, department, number and hire date. You need to change the column data of the hire_date column to start date. In which window could you complete this?

- A. Data model.
- B. Default layout window.
- C. Field property palette.
- D. Labels tab in the report wizard.
- E. Field's tan in the report wizard.

Answer: D

QUESTION NO: 52

Which setting change would you allow to make a child object to be moved out of a parent object?

- A. Flex mode on.
- B. Flex mode off.
- C. Confined mode on.
- D. Confined mode off.

Answer: D

QUESTION NO: 53

For an inventory report, you created a work_in_progress that contains two columns, ID_number and quantity. The parent group of the work_in_progress is in_inventory which contains one column, dept_no. You added a filter of first fifteen to total_inventory and a filter of last 20 for work_in_progress. Which records will the report return?

- A. First 15 dept_no values.
- B. Last 20 ID_no and quantity values with the first 15 dept_no values for each work_in_progress value.
- C. First 15 dept_no values with the last 20 ID_number and quantity values for each total_inventory value.
- D. First 15 dept_no values and the last 20 ID_no and quantity values.
- E. The last 20 ID_number and quantity values.

Answer: C

QUESTION NO: 54

You are creating a matrix report. Using query builder, you select the SALES_ID and DEPT_ID columns from the SALES table, The CUST_BALANCE column from the CUSTOMER table and the INVOICE_TOTAL column from the INVOICE table.

Using the report wizard you select SALES_ID as the row values, DEPT_ID as the column values and SUM(CUST_BALANCE) as the cell values. You add a summary column for a SALES_ID row. If the summary column has a null value you need to display a zero. What is the easiest way to accomplish this task?

- A. Alter the value if null property on the summary column property palette.
- B. Alter the value if null property on the save_ID palette.
- C. Alter the initial value property on the sales ID property palette.
- D. Create a format trigger for a summery value field to display a zero if the field is null.
- E. Create a boiler plate text object in the layout model containing a zero and place it between the row repeating frame and the matrix object.

Answer: A

QUESTION NO: 55

Which are SRW package procedure or function could you use to create and then drop a temporary table in the sales report?

- A. SRW.BREAK
- B. SRW.SET_ALTER
- C. SRW.REFERENCE
- D. SRW.DO_SQL
- E. SRW.RUN_REPORT
- F. SRW.SET_FIELD

Answer: D

QUESTION NO: 56

You create a financial report to be represented to board of directors. The accounting manager has asked you to change the number format to show a thousand separator. What is the best method to make this change to the report quickly?

- A. Open the property palette and set the format mask for all the numeric items in the report.

- B. Select the data to be free formatted in the life previewer and lick on the thousand separator icon on the style bar.
- C. Go to the layout model and change the field attributes for the data to be changed on the report.
- D. Rebuild the report using the report wizard setting this format on creation.

Answer: B

QUESTION NO: 57

The sales report displays each sales person's daily transactions. You need to add a total transaction value for each sales person. What is the best way to add the summary value to existing report?

- A. Reenter the report wizard and modify the query.
- B. Reenter the report wizard and add the summary to the totals tab.
- C. Reenter the report wizard and add the field to the data tab.
- D. Add the summary column to the layouts using the layout model.
- E. Recreate the report to add a summary value.

Answer: B

QUESTION NO: 58

You need to add a page number to the bottom margin of your report pages. How would you navigate to the margin area?

- A. Use the menu options tool ->margin.
- B. Click on the margin button.
- C. In the layout models press <ALT>+<M>
- D. This task can only be accomplished programmatically.

Answer: B

QUESTION NO: 59

Which three scenarios describe appropriate uses for key triggers? (Choose three)

- A. Alter data in a database table.
- B. Add custom item validation code.
- C. Disable the Next Block key and menu item.
- D. Display a custom form in place of a List of Values.
- E. Change the navigational order of the blocks in a form.
- F. Perform a complex calculation each time the F10 key is pressed.

Answer: C, D, E

Note:

Section A contains 98 questions.

Section B contains 59 questions.

The total number of questions is 157.

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