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Exam : **1Z0-242**

Title : PeopleSoft Application
Developer II: App Engine &
Integration

Version : DEMO

1. Evaluate this PeopleCode snippet.

```
Local Array of Number &MyArray;
```

```
Local Any &Len, &Result;
```

```
&MyArray = CreateArray(3);
```

```
&MyArray[1] = 100;
```

```
&MyArray[2] = 200;
```

```
&MyArray[3] = 300;
```

```
&Result = &MyArray.POP();
```

```
&Len = &MyArray.LEN;
```

```
&End = &MyArray[&Len];
```

What are the correct values for &Result and &End?

A. &Result is 300

&End is 200

B. &Result is 300

&End is Null

C. &Result is 300

&End is 300

D. &Result is Null

&End is 300

E. &Result is 100

&End is 300

Answer: A

2. Here is a snippet of PeopleCode that uses the Fetch method of the SQL class.

```
&SQL = CreateSQL("Select EFFORT_AMT from PS_PSU_TASK_EFFORT where TASK= :1",  
PSU_TASK_TBL.TASK);
```

```
&Var1 = &SQL.Fetch(&Var2);
```

Select the two correct statements. (Choose two.)

A. &Var2 specifies which row to fetch.

B. &Var2 specifies which field to fetch.

- C. &Var1 is populated with TRUE if a row is fetched.
- D. &Var1 is populated with the number of rows returned.
- E. &Var2 is populated with EFFORT_AMT from the row fetched.
- F. &Var1 is populated with EFFORT_AMT from the row fetched.
- G. &Var1 is populated with EFFORT_AMT from the first row returned.

Answer: CE

3. View the Exhibit.

Course Session Details

Course Code: 1011 PeopleCode

Session Details Find | View All First 1 of 21 Last

*Session Number: 2 [Students Enrolled in Session](#)

*Business Unit: NAM04 N. America - West Trn Ran

*Start Date: 02/04/2002 End Date: 02/08/2002

Max Students: 14 *Session Status: Active

*Training Facility: C-DEN Denver

Instructor: SXD Dunn

Classroom

Room A Room B Room C

Room D Room E Other

An object-oriented PeopleCode program traverses the data buffer to get the value for Session Number (SESSION_NBR) in the Session Details record (PSU_CRS_SESSN) on the Course Sessions page.

The program uses a built-in function to instantiate the Level 0 object, then uses object methods to instantiate the remaining data buffer objects.

Select the option that represents the order in which the program instantiates the data buffer objects.

- A. &Row_Level0, &Row_Level1, &Record, &Field
- B. &Rowset_Level0, &Row_Level1, &Record, &Field

C. &Rowset_Level0, &Rowset_Level1, &Row_Level1, &Record, &Field

D. &Rowset_Level0, &Row_Level0, &Rowset_Level1, &Row_Level1, &Record, &Field

Answer: D

4. The Customer Orders page uses data from the ITEM table to perform price calculations. You decide to write a PeopleCode program to create a stand-alone rowset that will load data from the ITEM table into the data buffer. Select three PeopleCode statements that can be used with stand-alone rowsets. (Choose three.)

A. &RS_Item = GetRowSet(SCROLL.ITEM);

B. &RS_Item = CreateRowSet(RECORD.ITEM);

C. &Price = &RS_Item(&i).ITEM.PRICE.Value;

D. &RS_Item.Select("Where ITEM = :1", CUST_ORDER.ITEM);

E. &RS_Item.Fill("Where CUST_TYPE = :1", CUST_ORDER.TYPE);

F. &RS_Item = ScrollSelect(1,Scroll.ITEM, Record.ITEM, ("Where CUST_TYPE = :1", CUST_ORDER.CUST_TYPE);

Answer: BCE

5. View the Exhibit.

The image shows two screenshots of a PeopleSoft application interface. The top screenshot is titled "Review Details" and contains the following fields:

- *Review for Year: 2002
- From Date: 04/01/2001 to: 03/31/2002
- Next Review Date: 05/06/2002
- Review Days: 365

 The bottom screenshot is titled "Reviewer Details" and contains the following fields:

- Review Type: Employee Self Assessment
- *Reviewer ID: 00014
- Benedetto, Jessica

On the Employee Review page, you have a business rule with these requirements:

1. If Review Type is Supervisor, then the prompt for Reviewer ID returns only supervisors.
2. If Review Type is Peer or Performance, then the prompt for Reviewer ID returns all employees.

Select the three steps required to implement this business rule. (Choose three.)

- A. Associate the REVIEWER_ID field with REVIEWER_VW.
- B. Create REVIEWER_VW as a dynamic view of the EMPLOYEE table.
- C. Add the DERIVED.EDITTABLE field to the page and make it invisible.
- D. Set the prompt table edit for the REVIEWER_ID field to REVIEWER_VW.
- E. Set the prompt table edit for the REVIEWER_ID field to DERIVED.%EDITTABLE.
- F. Use a SQL Select statement in PeopleCode to populate the REVIEWER_VW view.
- G. Use a conditional statement in PeopleCode to populate the DERIVED.EDITTABLE field.

Answer: CEG

6. You want to examine the component buffer for the Customer Orders (PSU_CUST_ORDER) component. Which four steps are necessary? (Choose four.)

- A. Start the PeopleCode Debugger and set a breakpoint.
- B. Access the Structure view on the PSU_CUST_ORDER component.
- C. In Application Designer, select Component Buffers.
- D. Access the Customer Orders component in the browser and trigger the breakpoint. Return to PeopleSoft Application Designer when the breakpoint triggers.
- E. Open, or create, a PeopleCode program that will execute while Customer Orders is running in the browser.
- F. Drill down through the component hierarchy in the Structure view on the PSU_CUST_ORDER component.
- G. In Application Designer, select Debug, View Component Buffers.

Answer: ADEG

7. View the Exhibit.

```

ORDER_NBR (field) SavePreChange
Declare Function assign_order_nbr PeopleCode
    FUNCLIB_ED_SVCS.ORDER NBR FieldFormula;

If PSU_PO_HDR.ORDER_NBR = "NEW" And
    %Mode = "A" Then
    /* Assign Order Number */
    assign_order_nbr(PSU_PO_HDR.ORDER_NBR);
End-If;

```

Your client is upgrading its purchasing application to use object-oriented PeopleCode to incorporate the benefits of application classes.

The PeopleCode for the Purchase Order application is now encapsulated in an Application Package called PSU_PO. The assign_order_nbr function is now ORDER_NBR, a method of the ORDER class.

You are tasked with modifying this program to call the new ORDER_NBR method.

Which four PeopleCode statements will you use in the new program? (Choose four.)

- A. Class PSU_PO:ORDER;
- B. &New.ORDER_NBR(PSU_PO_HDR.ORDER_NBR);
- C. Import PSU_PO:ORDER;
- D. Declare method PSU_PO:ORDER:ORDER_NBR;
- E. &New = Create Order();
- F. Local ORDER &New;
- G. Method ORDER_NBR (&ORDER_NBR As Field out);

Answer: BCEF

8. You want to see exactly when a PeopleCode program fires in the context of the Component Processor flow. Which two methods will work? (Choose two.)

- A. Insert a Print() statement in the program.
- B. Insert a WinMessage() statement in the program.

- C. Insert a MessageCatalog() statement in the program.
- D. Run the PeopleCode Debugger and insert a breakpoint on the program.
- E. Run the PeopleCode Debugger and select Debug, View Component Buffers.

Answer: BD

9. View the Exhibit.

Task Resources

Task: 0003 PeopleTools II Training Guide

Task Resources Find | View All First 1 of 3 Last

Instructor: DEW

*Resource Name: Dawn Whalen

Percent Available: 100

Telephone: Finished with task

A PeopleCode program at level 0 checks the values for Percent Available (PCT_AVAILABLE) at level 1.

Analyze this code snippet.

```
Local Rowset &RS_Level0, &RS_Level1;
Local Row &Row_Level0, &Row_Level1;
Local Record &Rec_TaskRsrc;
Local Field &Fld_PctAvail ;
&RS_Level0 = GetLevel0();
&Row_Level0 = &RS_Level0.GetRow(1);
&RS_Level1 = &Row_Level0.GetRowset(Scroll.PSU_TASK_RSRC);
&Row_Level1 = &RS_Level1.GetRow(1);
&Rec_TaskRsrc = &Row_Level1.GetRecord(Record.PSU_Task_RSRC);
&Fld_PctAvail = &Rec_TaskRsrc.GetField(Field.PCT_AVAILABLE);
&Pct = &Fld_PctAvail.Value;
```

Select the correct option.

- A. The program will produce the expected results.
- B. The program is missing a loop to process each row in the level 1 rowset.

C. The program is missing a loop to process each rowset in the level 1 row.

D. The program can be simplified to:

```
&Pct = &RS_Level0.PSU_Task_RSRC.PCT_AVAILABLE.Value;
```

E. This line of code is not needed:

```
&RS_Level1 = &Row_Level0.GetRowset(Scroll.PSU_TASK_RSRC);
```

F. The `&RS_Level0 = GetLevel0();` function is missing the Level 0 scroll name.

Answer: B

10. The Get Student Enrollments page uses a PeopleCode program to select and display rows based on user input. When the user clicks Refresh, FieldChange PeopleCode populates a stand-alone rowset using a Select method. When you test the program, the new rows are appended to the previous rows instead of replacing them. How do you fix this problem?

A. Use a work scroll instead of a stand-alone rowset.

B. Add `&Rowset.Flush();` after the Select method.

C. Use an Update method instead of a Select method.

D. Add `&Rowset.Flush();` before the Select method.

E. Add `&Rowset.Refresh ();` after the Select method.

F. Add `&Rowset.Refresh();` before the Select method.

Answer: D

11. Examine the join in this Select statement:

```
SELECT A.TASK , B.EFFORT_AMT
FROM PS_PROJECT A , PS_EFFORT B
WHERE A.TASK = B.TASK
AND A.RESOURCE = B.RESOURCE
```

Select the equivalent Select statement.

A. SELECT A.TASK , B.EFFORT_AMT
FROM PS_PROJECT A , PS_EFFORT B
WHERE %Join(A.TASK, B.RESOURCE)

B. SELECT A.TASK , B.EFFORT_AMT

FROM PS_PROJECT A , PS_EFFORT B

WHERE %Common(PROJECT A, EFFORT B)

C. SELECT A.TASK , B.EFFORT_AMT

FROM %Common(KEYS, PROJECT A, EFFORT B)

D. SELECT A.TASK , B.EFFORT_AMT

FROM PS_PROJECT A , PS_EFFORT B

WHERE %Join(COMMON_KEYS, TASK A, EFFORT_AMT B)

E. SELECT A.TASK , B.EFFORT_AMT

FROM %Join(COMMON_KEYS, PROJECT A, EFFORT B)

Answer: E

12. A Process Scheduler process is configured to run an Application Engine program. You need to modify the process to use parameters entered by the user at run time. Which four additional steps do you need to take? (Choose four.)

- A. Create a process type for the new process.
- B. Add bind variables to the command-line parameters.
- C. Write a PeopleCode program to pass the parameters.
- D. Create a state record with fields to pass input parameters.
- E. Create a run control page with fields to enter the input parameters.
- F. Create a run control record with fields to store the input parameters.
- G. Modify the Application Engine program to retrieve the input parameters.

Answer: DEFG

13. View the Exhibit.

Psu Run Inact

Run Control ID: OPC

[Report Manager](#) [Process Monitor](#) **Run**

Inactivate Courses

Application Release: 8.90

PeopleTools Release: 8.44

This run control page executes an Application Engine program that updates the Course table using the parameters entered by a user.

In addition to the run control page, which three elements must be in place? (Choose three.)

- A. A state record with fields to hold input parameters
- B. Component variables to pass the input parameters
- C. A data buffer object to retrieve the input parameters
- D. Application Engine SQL to retrieve the input parameters
- E. A PeopleCode record object to update the Course table
- F. A Process Instance table to store run control parameters
- G. A run control record with fields to store the input parameters

Answer: ADG

14. Select three Application Engine action types that can be used to control program flow. (Choose three.)

- A. Log Message
- B. Call Section
- C. XSLT
- D. PeopleCode
- E. Do While
- F. Evaluate

Answer: BDE

15. You modify an Application Engine program to use parallel processing with temporary tables.

The Application Engine program includes this code snippet, which is part of a SQL statement that inserts rows into a temporary table.

```
INSERT INTO PS_CRS_FULL_TMP
```

What changes do you need to make to the code so that the Application Engine program will implement parallel processing properly?

- A. No changes to the code are needed as long as the temporary table has been properly configured for parallel processing.
- B. Replace `INSERT INTO PS_CRS_FULL_TMP` with `%INSERT INTO PS_CRS_FULL_TMP` so that the meta-SQL resolves to the correct state record at run time.
- C. Replace `INSERT INTO PS_CRS_FULL_TMP` with `%INSERT INTO %Table(CRS_FULL_TMP)` so that the system variables resolve to the correct syntax at run time.
- D. Replace `INSERT INTO PS_CRS_FULL_TMP` with `INSERT INTO %Table(CRS_FULL_TMP)` so that the meta-SQL resolves to the correct temporary table instance at run time.
- E. Replace `INSERT INTO PS_CRS_FULL_TMP` with `%INSERT INTO %Temp(CRS_FULL_TMP)` so that the meta-SQL resolves to the correct syntax and temporary table instance at run time.

Answer: D

16. An Application Engine program uses a Do Select action. What occurs when the Select statement is executed?

- A. Each row returned by the Select statement is stored in the state record. The Select statement continues until no more rows are returned. Then, the control passes to the calling section.
- B. All rows returned by the Select statement are stored in a cursor. Then, the control is passed to the calling section.
- C. All rows returned by the Select statement are stored in the state record. Then, the control is passed to the next section in the program.
- D. All rows returned by the Select statement are stored in a cursor. The first row is stored in the state record. Then, the remaining actions in the step are processed sequentially. Thereafter, the control returns to the Do Select to fetch another row, until no more rows are returned.
- E. When a row is returned, the remaining steps in the section execute and control returns to the calling step.

F. When a row is returned, it is stored in the state record. Then, the control is passed to the calling section.

Answer: D

17. An Application Engine program inserts rows into PS_VENDOR.

The program encounters an error and abends (ends abnormally).

You correct the error, but now PS_VENDOR is in an unknown state.

Select the correct statement.

A. If Log File was enabled in Configuration Manager, a script file was created that you use to return the database to its original state. After you correct the error, you can run the program again.

B. If Recover was enabled for the program, the changes to PS_VENDOR are rolled back. After you correct the error, you can run the program again.

C. If Restart was enabled for the program, a checkpoint was saved with the last commit. After you correct the error, you can restart the program and processing will resume from the point of the last commit.

D. If Resume was enabled in PeopleSoft Process Scheduler, the program automatically resumes processing after the condition that caused the error is corrected.

E. If a state record was defined for the program, PS_VENDOR is restored based on parameters that were written to the state record. Then you can restart the program using the same run control parameters.

Answer: C

18. How do you configure Process Scheduler to initiate an Application Engine trace for SQL and Step?

A. Add %%TRACE%% %%SQL%% %%STEP%% to the parameter list for the Process Type.

B. On the Run Control page, select the SQL Trace and Step Trace check boxes.

C. On the Process Monitor page, select the SQL Trace and Step Trace check boxes.

D. On the Process Definition Override Options page, for Parameter List, select Append and enter -TRACE 3.

E. On the Process Definition Override Options page, for Parameter List, select Append and enter -TRACE SQL STEP.

F. On the Process Definition Override Options page, for Parameter List, select Append and enter %%TRACE%% %%SQL%% %%STEP%%.

Answer: D

19. You add a dynamic call to an Application Engine program following these steps:

1. Add the fields AE_APPLID and AE_SECTION to the state record if they are not already present.
2. Build the state record.
3. Verify that the state record is the default state record for the Application Engine program.
4. In a PeopleCode action, use a conditional test to populate the fields AE_APPLID and AE_SECTION with an Application Engine program name and section name, respectively.
5. Following the PeopleCode action, add a Call Section action.

Select the correct statement.

- A. The Application Engine program will execute as expected.
- B. Step 2 is not needed for dynamic call.
- C. Step 3 is not needed.
- D. Add a step after step 5 to insert a SQL action that will use the values in the state record to populate the Program and Section fields of the Application Engine Call Section action.
- E. Add a step after step 5 to select the Dynamic Call check box in the Call Section action.
- F. Step 4 is wrong. The PeopleCode program should use the AERSection class to issue the dynamic call.

Answer: E

20. An Application Engine program requires a loop that will exit after 1000 rows have been processed. The COUNTER field in the state record is incremented in each iteration of the loop. Which option contains code that could be used in a Do While action to test for COUNTER?

A. Do While %Bind(Counter) < 1000

B. %SELECT (COUNTER)

FROM PS_INSTALLATION

Where COUNTER < 1000

C. If %Bind(Counter) >= 1000 then

Exit;

D. %Select(COUNTER)

FROM PS_STATE_AET

Where COUNTER < 1000

E. %Select(COUNTER)

```
SELECT 'X'
```

```
FROM PS_INSTALLATION
```

```
WHERE %Bind(COUNTER) < 1000;
```

Answer: E