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Exam : 000-641

Title : Robot

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QUESTION 1:

Which of the following verification points appear in the Asset pane when a script is being viewed? (Select all that apply.)

- A. Window Image
- B. File Existence
- C. File Comparison
- D. Region Image
- E. Module Existence

Answer: A, D

QUESTION 2:

A GUI functional test script with no verification points can still be part of a valid application test

- A. True
- B. False

Answer: A

QUESTION 3:

Which of the following are characteristics of scripts? (Select all that apply.)

- A. They contain actual results of the verification points included
- B. They are files that Robot can execute
- C. They can be executed by a Robot suite
- D. They can be executed by a TestManager suite
- E. They may contain properties, such as the type and purpose of the script

Answer: B, D, E

QUESTION 4:

Which of the following statements describe the baseline data of a verification point? (Select all that apply.)

- A. Editable file containing input data used during the script playback
- B. Actual state of the object when the script is played back
- C. Object information captured during recording
- D. Expected state of the object during subsequent builds

Answer: C, D

QUESTION 5:

Where should verification points be inserted into scripts?

- A. At every object in the application
- B. At every data entry field
- C. At every feature you want to test
- D. At every window and dialog box

Answer: C

QUESTION 6:

The Timeout value for a wait state is 30 seconds and the verification point passes in 5 seconds

What does Robot do?

- A. Continues to wait until the 30 seconds has passed, then executes the remainder of the script
- B. Waits 30 seconds, then attempts the verification point again
- C. Waits 5 seconds, then executes the remainder of the script
- D. Immediately continues the execution of the remainder of the script

Answer: D

QUESTION 7:

What is the purpose of Datapools?

- A. To report on errors written to log files during testing
- B. To track or "pool" data written to log files during testing
- C. To provide unique input data to scripts executed multiple times
- D. To provide response time data for different types of input data

Answer: C

QUESTION 8:

What is the purpose of the Alphanumeric verification point type?

- A. To test data in windows objects that contain text; for example, pushbuttons and labels
- B. To verify the existence of a file by comparing the name to a stored variable
- C. To do a byte-for-byte comparison of data within a file
- D. To capture data from a spreadsheet to compare to a file

Answer: A

QUESTION 9:

What is the purpose of the Object Properties verification point type?

- A.To compare the properties of a window;e.g. normal,minimized,maximized,or hidden
- B. To capture and compare properties of standard Windows objects
- C.To compare the properties of the application ;e.g control location,menu options,etc
- D.To test data in windows objects that contain text;for example,pushbuttons and labels

Answer: B

QUESTION 10:

Which of the following can be viewed through the Comparators? (Select all that apply.)

- A. Causes of application failures
- B. Actual results of verification points for this run
- C. Messages sent to external log files
- D. Baseline data for verification points

Answer: B, D

QUESTION 11:

How are Global source library files used in Robot?

- A. To automatically create custom listing reports
- B. To dynamically add comments or statements to scripts
- C. To declare custom functions, sub procedures, constants, or variables to use with scripts
- D. To define custom procedures that scripts can call

Answer: D

QUESTION 12:

You are preparing to record an application that contains unknown or custom objects. What technique can you use to account for such objects?

- A. Compile a standard SQABasic header file
- B. Map the objects to standard object types before recording
- C. Attach another reference file to the GUI Library with the list of custom objects

D. Set the playback option to automatically map unrecognized objects as generic

Answer: B

QUESTION 13:

Why would timers be inserted in a script? (Select all that apply.)

- A. To keep track of how long it takes to develop (record) the script
- B. To schedule the start time for a script in a suite
- C. To measure the time it takes to perform an activity such as a database transaction
- D. To measure the time it takes a verification point to execute across platforms or builds

Answer: C, D

QUESTION 14:

Which of the following statements are true about Comments inserted into a script? (Select all that apply.)

- A. They can be inserted during recording or while editing the script
- B. They are helpful documentation for anyone reading or maintaining the script
- C. Robot ignores them during compile and playback of the script
- D. Robot includes them in the SQABasic global header file

Answer: A, B,C

QUESTION 15:

Which of the following kinds of scripts can you create in Rational Robot? (Select all that apply.)

- A. VU (Virtual User)
- B. Manual
- C. VM (Visual Modeling)
- D. GUI (Graphic User Interface)

Answer: A, D

QUESTION 16:

What is the purpose of the Menu verification point type?

- A. To compare the properties of a window; e.g. normal, minimized, maximized, or hidden
- B. To compare the location of the application menu across builds
- C. To capture and compare the state, shortcut keys, and content of the application menu

D. To capture and compare properties of standard Windows objects

Answer: C

QUESTION 17:

Shell scripts can call other shell scripts

- A. True
- B. False

Answer: A

QUESTION 18:

Which of the following are Robot GUI Recording options? (Select all that apply.)

- A. Object recognition order preference
- B. Record think time
- C. Acknowledge results
- D. Script Autonaming
- E. Delay between commands

Answer: A, B, D

QUESTION 19:

Which verification methods can be used with an Alphanumeric verification point? (Select all that apply.)

- A. Data Grid, Case-Sensitive, Case-Insensitive
- B. Content, Location, KeyNalue
- C. Numeric Range, Numeric Equivalence, User-Defined DLL
- D. Verify that selected field is blank, Case-Sensitive, Find Sub String Case-Sensitive

Answer: C, D

QUESTION 20:

How can the baseline file of a verification point be accessed for viewing? (Select all that apply.)

- A. Double-click the .vp file in Explorer
- B. Open the Comparator from the Test Log Window
- C. Right-click the verification point in the Asset pane, then click View Baseline
- D. Select the verification point in the script pane

Answer: B, C

QUESTION 21:

What programming language is used for scripting in Robot?

- A. Basic
- B. Visual Basic, with additional C++ commands
- C. SQABasic
- D. Primarily C++

Answer: C

QUESTION 22:

The Comparators show a comparison of baseline data and actual data, with the net difference highlighted.

- A. True
- B. False

Answer: A

QUESTION 23:

For what purpose are global header files used in Robot?

- A. To declare custom functions, sub procedures, constants or variables to be used with scripts
- B. To dynamically add verification points to scripts
- C. To automatically add comments or statements to scripts
- D. To define custom procedures that can be called from scripts

Answer: A

QUESTION 24:

Given: You have debugged the test scripts and are ready to use them for automated testing

What kind of window can cause the script playback process to be interrupted?

- A. Expected error window
- B. Expected sequential window
- C. C Unexpected active window
- D. Unexpected hidden window

Answer: C

QUESTION 25:

Which identification methods can be used with an Object Data verification point?

- A. By Location, By Coordinates, By Clipboard, By Range
- B. By Content, By Location, By Title, By KeyNalve
- C. Case-Sensitive, Case-Insensitive, Find Sub String Case-Sensitive, Find Sub String Case-Insensitive
- D. Alphanumeric, datapool, function, user-defined DLL

Answer: B

QUESTION 26:

What method is used to capture hidden objects for testing?

- A. Microsoft Excel macro recording
- B. Rational Robot object-oriented recording
- C. Rational Administrator project recording
- D. Rational TestManager suite recording
- E. Rational Robot low-level recording

Answer: B

QUESTION 27:

Which of the following are characteristics of a shell script? (Select all that apply.)

- A. An empty script used as a template for other scripts
- B. An easy way to set up unattended testing with scripts
- C. A script that plays back other scripts in sequence
- D. A script that is the standard GUI for Robot

Answer: B, C

QUESTION 28:

Which of the following is a function of Robot's Object Oriented Recording technology?

- A. Store data in C++ header files from the application
- B. Assign customizable names to objects on the screen
- C. Identify objects by their internal names

D. Use screen coordinates to identify objects in the application

Answer: C

QUESTION 29:

Which of the following may occur when a wait state is set for a verification point?
(Select all that apply.)

- A. If the object is not found within the specified period of time, the verification point will fail
- B. The wait value may keep the verification point from failing if the task is not completed immediately
- C. If the object is found immediately, the wait state causes the test to delay
- D. Robot tries the test every x seconds until a total of y seconds has passed

Answer: A, B, D

QUESTION 30:

Verification points can be renamed after the script is recorded.

- A. True
- B. False

Answer: A

QUESTION 31:

What verification points can be tested with selected data in grids?

- A. Region Image, Alphanumeric, File Comparison
- B. Object Data, Object Properties, and By Location
- C. ClipBoard, Region Image, and Window Image
- D. ClipBoard, Menu, and Object Data

Answer: D

QUESTION 32:

Given: You have minimized the Robot main window during recording and you are using the default keyboard mappings.

Which of the following procedures will bring the Robot main window back to the foreground? (Select all that apply.)

- A. Press F5

- B. Click Robot on the Windows taskbar
- C. Click Open Robot Window on the GUI Record toolbar
- D. Use the hot key combination CTRL +SHIFT+F

Answer: B, C, D

QUESTION 33:

How can a synchronization failure between the test script and the application be corrected? (Select all that apply.)

- A. Use external data files
- B. Use a wait state
- C. Adjust delays between commands
- D. View data with the Comparators
- E. Customize test log messages

Answer: B, C

QUESTION 34:

What aspect of the By Location identification method is used with an Object Data verification point?

- A. Screen and pixel coordinate locations
- B. User-defined DLL locations
- C. Columns and Rows By Locations
- D. Value and Key By Locations

Answer: C

QUESTION 35:

Robot scripts must be developed using the recording feature.

- A. True
- B. False

Answer: B

QUESTION 36:

Which of the following are contained in a GUI script? (Select all that apply.)

- A. Mouse click actions against the application
- B. Application code metric reports

- C. Lines of application code that were executed
- D. Verification points for the application
- E. Keystroke actions against the application

Answer: A, D, E

QUESTION 37:

Given: You are using the Object FinderTool to select an object to test in the application.

What information can the Test Tip display? (Select all that apply.)

- A. Recognition method
- B. Development environment name
- C. Code complexity level
- D. Object type

Answer: A, B, D

QUESTION 38:

Given: You are debugging a test script

What can you add to a script to stop execution at a specified location?

- A. Setpoint
- B. Halt
- C. Wait
- D. Delay
- E. Breakpoint

Answer: B

QUESTION 39:

Which of the following are valid examples of Comparators? (Select all that apply.)

- A. Object Properties Comparator
- B. Grid Comparator
- C. Datapool Comparator
- D. Image Comparator
- E. Text Comparator

Answer: A, B, D, E

QUESTION 40:

Given Exclude the window object type from consideration and include all the other standard object types recognized by Robot.

What is the order preference for <Default> object recognition that Robot uses to uniquely identify application objects?

- A. Index, ID, Object Name, Label/Text
- B. ID, Index, Object Name, Label/Text
- C. Label/Text, Index, ID, Object Name
- D. Object name, Label/Text, Index, ID

Answer: D

QUESTION 41:

What procedure will temporarily halt script recording?

- A. Press <ESC>
- B. Click Pause on the GUI Record toolbar
- C. Click Robot on the Windows taskbar
- D. Press F5

Answer: B

QUESTION 42:

You have selected the data to test in a grid.

Which additional tasks can be completed before saving the verification point?

(Select all that apply.)

- A. Move column titles to grid
- B. Insert additional columns or rows of data in the grid
- C. Edit the data in the grid
- D. Modify the database type of the grid

Answer: A, C

QUESTION 43:

How can an object be selected to test in the application? (Select all that apply.)

- A. Search the test datastore for the object
- B. Find the object in the low-level recording file
- C. Identify it by the object name in the script command
- D. Select it from a list of all objects on the desktop
- E. Point to it in the application with the Object Finder tool

Answer: C, D, E

QUESTION 44:

What procedure is used to access the Rational Comparators?

- A. In the Test Log, select a verification point and view it
- B. Using Notepad, view the CMP file directly
- C. Double-click the compile error in the Robot script
- D. In TestManager, click File> Open> Comparators
- E. in Robot, click File> Open> Comparators

Answer: A

QUESTION 45:

What type of testing occurs when the same test is executed over successive builds of the application?

- A. Exploratory
- B. Unit
- C. System
- D. Integration
- E. Regression

Answer: E

QUESTION 46:

Some window regions (for example, date fields) may change every time a test is run. What Image Comparator feature allows you to avoid such regions during testing?

- A. Baseline image
- B. Actual image
- C. Differences
- D. Mask/OCR

Answer: D

QUESTION 47:

Which of the following are capabilities of the Low-Level Recording mode? (Select all that apply.)

- A. Create scripts that can be edited with SQABasic, although the commands used are

unique to Low-Level Recording

- B. Enable user to test painting, drawing, or CAD applications
- C. Track detailed mouse movements and keyboard actions by screen coordinates and exact timing
- D. Create binary files that can be edited with Notepad and played back for review

Answer: B, C

QUESTION 48:

Which of the following controls are standard Windows GUI objects that Robot can recognize? (Select all that apply.)

- A. Tree view
- B. Menu
- C. Window
- D. Edit box
- E. Buttons

Answer: A, B ,C, D, E

QUESTION 49:

Which of the following statements are true concerning script playback delays? (Select all that apply.)

- A. The script automatically begins playback when the computer is restarted
- B. A default delay value can be set in the GUI Playback Options
- C. The script waits for the specified amount of time after every command before playback continues
- D. Script playback delays allow the script to stay in sync with the application

Answer: B, C, D

QUESTION 50:

Which of the following are types of verification points available in Robot? (Select all that apply.)

- A. Window Image, Region Image, Masked Image
- B. Data Grid, Numeric Range, Case-Sensitive
- C. Window Existence, Window Image, Module Existence
- D. Alphanumeric, Notepad, File Comparison
- E. Object Data, Menu, Object Properties

Answer: C, E

QUESTION 51:

Which of the following actions apply when utilizing a shell script? (Select all that apply.)

- A. Report test case results with Robot GUI scripts
- B. Organize TestManager suite scripts
- C. Call a group of Robot GUI scripts
- D. Manage TestManager scenario scripts
- E. Play back Robot GUI scripts

Answer: C, E

QUESTION 52:

Which of the following statements are correct concerning verification points? (Select all that apply.)

- A. They can be played back if they are copied into a SBL library file
- B. They test the state of an object across builds of the application
- C. They contain baseline data to compare to the actual results
- D. They can be played back with or without a script
- E. They reside as separate files in the test datastore, along with the scripts

Answer: B, C

QUESTION 53:

What is the Datapool data type?

- A. The database tool used to create the data set
- B. The specified number of columns of data to use
- C. The specified number of rows of data to use in the script
- D. D The kinds of data the script will send to the application under test

Answer: D

QUESTION 54:

Which of the following can be viewed using the Variables window? (Select all that apply.)

- A. Local variables that apply to Visual Modeling scripts
- B. Local variables that apply to Robot scripts
- C. Procedural variables that apply to C++ header files

D. Modular variables that apply to external DLL files

E. Global variables that apply to SQABasic header files

Answer: B, E