

1. Why do u create parameter through Parametrization in LR?
 - To replace the hard coded values
 - To handle dynamic values
 - Both a & b
 - Neither a & b
2. Where the diagnostic probe should be installed
 - In application server machine
 - In Controller machine
 - In database server machine only
 - In web server machine
3. Analysis contains three primary windows
 - Properties Explorer, Properties Window, Properties viewing area
 - Session Explorer, Properties Window, Graph Viewing area
 - Intranet Explorer, Properties viewer, Graphics Viewing Area
 - Graph Explorer, Properties Window, Graph viewing area
4. The Load Runner Agent enables the and the load generator to communicate with each other.
 - Analyzer
 - Controller
 - Vuser
 - Instructor
5. When u execute a scenario, the controller distributes each vuser in the scenario to a
 - Properties Viewing area
 - Performance Analyzer
 - Controller
 - Load Generator
6. JVM uses which data structure to store the objects:
 - Double linked list
 - Heap
 - Single linked list
 - Both A & B
7. A SCRIPT CAN BE OPENED THROUGH:
 - VUgen
 - Controller
 - Both A & B
 - Analyzer
8. Load Balancer is used:
 - To Generate Load
 - To Distribute the load in Load Runner
 - To Distribute Load in the Servers

- Both b & c

9. the lists each step or task in the script creation process.

- A) Task pane
- B) Instruction Pane
- C) Tool bars
- D) Graphs

10. Transaction response time . Whole scenario graph lets you monitor

- A) the amount of time it takes for each transaction to be completed
- B) the Windows resource usage measured during a scenario
- C) the number of hits (HTTP requests) on the Web server made by Vusers
- D) Transactions

11. the Loadrunner works on a record-and-playback principle.

- A) VuGen
- B) Vuser
- C) Launcher
- D) Graphs

12. The Extension for load runner script file is:

- .lvs
- .lr
- .ls
- .usr

13. At the time of creating of Vuser Group, to allow the load generator to take part in the scenario, check

- A) Enable load generator to take part in the scenario.
- B) Enable load generator
- C) Enable load generator in the scenario.
- D) Enable load generator for scenario.

14. While Modifying a Vuser Group, You can modify the script, and load generator for a Vuser group directly from the pane of the Controller, or by using the Group Information dialog box.

- Scenario Group
- Scenario Groups
- Scenario load Groups
- Scenario vuser Groups

15. Select the true statement

- By default, all the Vuser groups displayed in the Scenario Groups pane are enabled to run in the scenario.

- By default, all the Vuser groups displayed in the Scenario Groups pane are disabled to run in the scenario.
- By default, some of the Vuser groups displayed in the Scenario Groups pane are enabled to run in the scenario.
- None

16. You can also create a scenario using the, in which you define the total number of Vusers to be used in the scenario, and the load generators and percentage of the total number of Vusers to be assigned to each Vuser script.

- **Percentage Mode**
- LoadRunner Agent
- performance analyser
- Controller

17. what is think time?

- Time between script execution
- Time between iteration
- **Time during entering the values in the application**
- None

18. You can use LoadRunner to create on the system: force the system to handle extended activity in a compressed time period to simulate the kind of activity a system would normally experience over a period of weeks or months.

- Load
- **Stress**
- Volume
- None

19. which is the correct sentence/sentences:

- Jitter is often used as a measure of variability over time of the packet latency across a network.
- Bandwidth sometimes defines the net bit rate , channel capacity, or the maximum throughput of a logical or physical communication path in the digital communication system.
- Latency is the measure of time delay experienced in a system.
- The Round-Trip Time(RTT) is the length of time it takes for a system to be sent plus the length of time it takes for an acknowledgement of that signal to be received .

- B
- C
- A
- ALL

20. While collecting requirements for performance testing, it is important to decide whether they are, that is to ensure that the performance requirements are quantified and validated in an objective way.

- measurable
- scalable
- testable
- Objective

21. During Scenario execution, you use the pane in the run view to monitor the actions of all the Vuser and Vgroups in the scenario.

- Scenario Groups
- Controller Groups
- Scenario Status
- Controller Status

22. "Vuser-init" can run during execution?

- Multiple Times
- One Time
- User Define
- Depends on application to test

23. We have,

N: The average number of (virtual) user in the system (server) at any instance is equal to the product of

X: Average throughput

Z: Average response time

R: Think time

As per little's law:

- $X = N * (Z + R)$
- $Z = X * (N + R)$
- $R = Z * (X + N)$
- $N = X * (Z + R)$

24. Web_reg_save_param() function is:

- Corelation function
- Function to handle parameterization
- To store the value in CPU register
- Used to store dynamic values

25. Hits/sec is:

- Number of requests hit the web server
- Number of requests hit the Application server

- Number of requests hit the database server
- Summation of both A & B

26. Given,

Average Transaction per sec = 2.3 sec

Average transaction response time = 0.7 sec

Average think time = 10 sec

The # of virtual users that can be emulated during load test:

- 8.4
- 10
- 7.6
- 8.9

27. The provides a single point of access for all of the LoadRunner components.

- A) Controller
- B) Analysis
- C) Vauncher
- D) Launcher

28. A Scenario gives you control over the number of running Vusers and the times at which they run, and lets you test how many Vusers your application can run simultaneously.

- A) Goal-oriented
- B) Manual
- C) Vuser
- D) none

29. Initialization means preparing the Vusers and the load generators for a load test run by running the action in the script.

- A) vuser_initiation
- B) vuserinit
- C) vuser_init
- D) init_vuser

30. If an application starts to fail under heavy load, you are likely to encounter errors and failed transactions. The Controller displays error messages in the window.

- A) Error
- B) Main
- C) Output
- D) Input

Q. 1: What is the output of the following code snippet?

```
int i = 10;  
lr_output_message (answer is: %d --i);
```

- A. Answer is: 1
- B. **Answer is: 9**
- C. Answer is: 10
- D. The code snippet is invalid.

<<<<< ===== >>>>>

Q. 2: What is the recommended Logging Run-time setting when playing back a script prior to manual correlation?

- A. Standard
- B. Disable Logging
- C. Extended -> Parameter Substitution
- D. **Extended -> Data Returned by Server**

<<<<< ===== >>>>>

Q. 3: You want to apply Script A Run-time settings, parameters, extra files, and actions to Script B. How can this be accomplished?

- A. **Save Script A script as a template, then apply the template to Script B**
- B. Export Script A settings to a .cor file, then import the settings to Script B
- C. Select the option to create a new Vuser script from, then, select Script A
- D. Copy the .ext file located in Script A main directory to Script B main directory

<<<<< ===== >>>>>

Q. 4: Which type of parameter can use the parameter simulation?

- A. **File**
- B. Date/Time
- C. Unique Number
- D. Random Number

<<<<< ===== >>>>>

Q. 5: What is the common function used to display messages in the Replay Log?

- A. lr_eval_string
- B. lr_save_string
- C. lr_set_debug_level
- D. **lr_output_message**

<<<<< ===== >>>>>

Q. 6: Which VuGen view guides you through the steps in script creation?

- A. Tree view
- B. **Task view**
- C. Script view
- D. Thumbnail view

<<<<< ===== >>>>>

Q. 7: What will happen when you set the animated run delay to 5,000 milliseconds?

- A. When replaying the script, the Run-time Viewer will pause for 5 seconds when an error has occurred.
- B. When replaying the script, the Replay Log will only display the last 5 seconds of logging information.
- C. When the script is replayed, the Run-time Viewer will display 5 seconds behind the current line being executed.
- D. **When replaying the script, a line will execute, pause for 5 seconds, execute the next line of code, pause for 5 seconds, and so on.**

<<<<< ===== >>>>>

Q. 8: When performing a manual correlation, where do you search for the dynamic value?

- A. Script view
- B. Recording Log
- C. Tree view -> Client Request
- D. **Tree view -> Server Response**

<<<<< ===== >>>>>

Q. 9: Which type of script is a lower level that records in Analog mode when using the web protocol in VuGen?

- A. **URL**
- B. HTML
- C. ANSI C
- D. Winsock

<<<<< ===== >>>>>

Q. 10: What is the programming term for a series of statements grouped together to perform a specific task?

- A. Variable
- B. **Function**
- C. Operator
- D. Constant
- E. Statement
- F. Consistent

Q. 11: You want to create a Microsoft Word document for your web (HTTP/HTML) script that provides a list of transactions, rendezvous, parameters and step descriptions. How can this be accomplished?

- A. **Create a Business Process Report in VuGen**
- B. Create a Microsoft Word Report from Analysis
- C. Select the option to export .usr file to a Microsoft Word document
- D. Copy the information in the .usr file, and paste it into a Microsoft Word document

<<<<< ===== >>>>>

Q. 12: What is the local operator used for AND?

- A. ||
- B. --
- C. **&&**
- D. ++

<<<<< ===== >>>>>

Q. 13: What is the programming term for different values at different times?

- A. **Variable**
- B. Function
- C. Operator
- D. Constant
- E. Statement
- F. Consistent

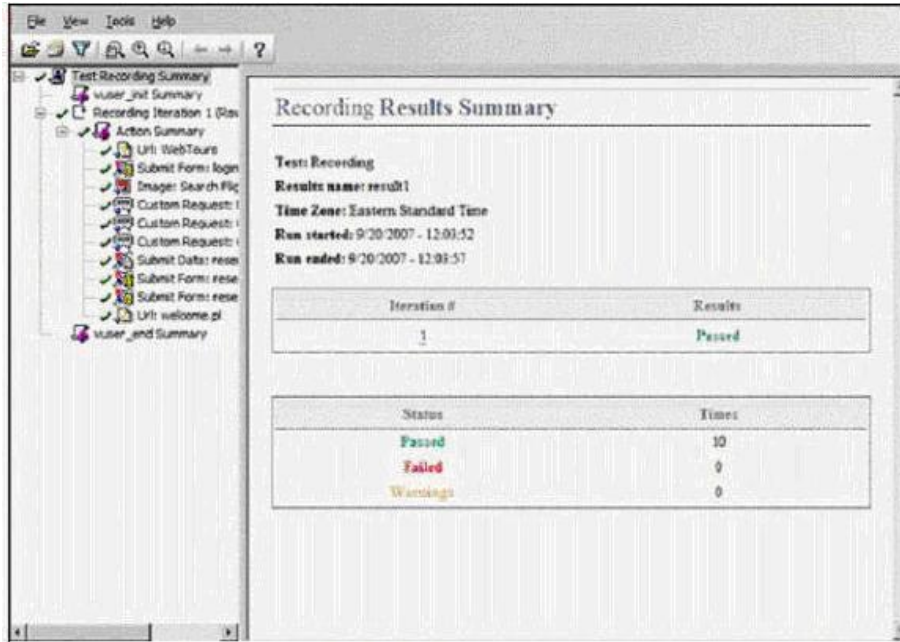
<<<<< ===== >>>>>

Q. 14: What is the purpose of the strcat function?

- A. **Joins two strings**
- B. Compares two strings
- C. Returns the length of a string
- D. Copies one string to another string

<<<<< ===== >>>>>

Q. 15: Exhibit



The screen shot is an example of which debugging tool?

- A. Replay Log
- B. Replay Summary
- C. Run-time Viewer
- D. **Test Results Window**

<<<<< ===== >>>>>

Q. 16: Which function allows you to capture dynamic values returned from the server?

- A. web_reg_find
- B. web_reg_save_find
- C. web_reg_save_value
- D. **web_reg_save_param**

<<<<< ===== >>>>>

Q. 17: Exhibit



The image highlights a button on the VuGen floating toolbar. Which function is added to your script when you click on this button?

- A. web_find
- B. **web_reg_find**
- C. web_reg_dialog
- D. web_reg_save_param

<<<<< ===== >>>>>

Q. 18: Which type of script is a higher level that records in Browser or Context Sensitive mode when using the web protocol in VuGen?

- A. URL
- B. **HTML**
- C. ANSI C
- D. Winsock

<<<<< ===== >>>>>

Q. 19: You have created several new Auto Correlation rules. A new tester on your team is preparing to record a group of scripts on the same application on his workstation. What can you do to provide the tester with the correlation rules?

- A. You do not need to do anything. Auto Correlation rules are global and are available to all testers using the same Controller machine.
- B. Under the File menu, you select Zip Operations, then export to a zip file. You have the new tester import the file into his script.
- C. The Auto Correlation rules are saved in the script main folder. You create a share so the other tester has access to the script main folder.
- D. **You export the Auto Correlation rules to a .cor file, and then have the new team member import the .cor file into his Auto Correlation rules.**

<<<<< ===== >>>>>

Q. 20: What must you do before attempting to automatically correlate after recording?

- A. Enable the Auto Correlation feature
- B. **Play back the script at least one time**
- C. Ensure the snapshots are visible in the Tree view
- D. Add the web_auto_correlation function to the global.h section

Q. 21: For debugging purposes, you would like to show a browser during replay. Where do you enable this option?

- A. **General options**
- B. Playback options
- C. Run-time settings
- D. Recording options

<<<<< ===== >>>>>

Q. 22: When performing a manual correlation, where do you search for the dynamic value?

- A. Script view
- B. Recording Log
- C. Tree view -> Client Request
- D. **Tree view -> Server Response**

<<<<<< ===== >>>>>>

Q. 23: When do you need to add correlation to your script?

- A. Prior to every test run
- B. Any time you need to vary user input data
- C. Any time there are multiple page loads in a script
- D. **Any time dynamic data returned from the server appears in the script**

<<<<<< ===== >>>>>>

Q. 24: What is the purpose of the atoi function?

- A. Retrieves the length of a string
- B. Concatenates two string values
- C. **Converts a string to an integer value**
- D. Converts an integer to a string value

<<<<<< ===== >>>>>>

Q. 25: What is the programming term for a value that cannot be changed?

- A. Variable
- B. Function
- C. Operator
- D. **Constant**
- E. Statement
- F. Consistent

<<<<<< ===== >>>>>>

Q. 26: Where should you add a web_reg_save_param function to a script?

- A. In the global.h section
- B. Before the step that contains the dynamic value
- C. **Before the step that retrieves the dynamic value**
- D. At the beginning of the action section that contains the dynamic value

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Q. 27: You want to emulate a call center for an airline. All representatives login in the morning, perform their business processes, and log out at night. In one day, a representative will Create 40 flight reservations, Modify 10 flight reservations, and Search for 20 flight reservations. A representative cannot perform a Modify without performing a Search first. Which run logic would satisfy the load testing goal?

- A. **Create - 67% Search - 16% Block0 - 17% Search Modify**
- B. Create - 57% Search - 29% Block0 - 14% Search Modify

- C. Create - 57% Search - 29% Modify - 14%
- D. Create - 67% Search - 16% Modify - 17%

<<<<< ===== >>>>>

Q. 28: Which function allows you to register a search for a text string for the next Action function?

- A. web_reg_text
- B. **web_reg_find**
- C. web_reg_save_find
- D. web_reg_save_param

<<<<< ===== >>>>>

Q. 29: You want to have your script always check for the following text on every page: sorry. Portlet is currently unavailable. Please try again later. What is the most efficient way to accomplish this?

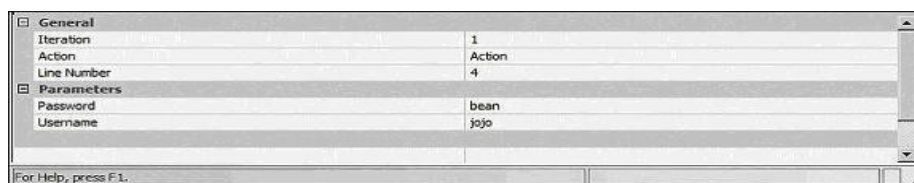
- A. **Create a ContentCheck rule for the text**
- B. Add an Environment Check for the text
- C. Add a text area checkpoint on every page
- D. Add a verification checkpoint on every page

<<<<< ===== >>>>>

Q. 30: Which section in a VuGen script is executed only one time, during Vuser initialization?

- A. Login
- B. Action
- C. **vuser_init**
- D. vuser_end

Q. 31: Exhibit



Which tab is shown in the VuGen Output window?

- A. Replay Log
- B. **Run-time Data**
- C. Generation Log
- D. Parameter Simulator

<<<<< ===== >>>>>

Q. 32: Which function marks the beginning of a measurement of elapsed time?

- A. **lr_start_transaction**
- B. lr_begin_transaction
- C. web_start_transaction
- D. web_begin_transaction

<<<<<< ===== >>>>>>

Q. 33: You want to have each step in your script measured as a transaction in the Controller and not shown in the Replay Log in VuGen. How can you accomplish this?

- A. **Enable the automatic transaction in the Run-time settings**
- B. Manually add transactions to each step from the Tree view
- C. Add a transaction to each page, using the transactions sub-task
- D. Select the option from the Tools menu to add transaction to each step in the Script view

<<<<<< ===== >>>>>>

Q. 34: You want to send a message to the log file, Replay Log, and Controller Output window. Which function should you use?

- A. lr_log_message
- B. **lr_error_message**
- C. lr_set_debug_level
- D. lr_vuser_status_message

<<<<<< ===== >>>>>>

Q. 35: What is used as an end-to-end measurement of time elapsed when one or more steps in a business process have been completed?

- A. Action
- B. Function
- C. Component
- D. **Transaction**

<<<<<< ===== >>>>>>

Q. 36: Which web protocol recording level generates the web_submit_form function?

- A. ICA
- B. URL
- C. RDP
- D. **HTML**

<<<<<< ===== >>>>>>

Q. 37: Which arithmetic operator is used to increment the value of a variable by one?

- A. ||
- B. --
- C. &&
- D. ++

<<<<<< ===== >>>>>>

Q. 38: One reason for parameterizing data in a script is to vary one value for an object when another object on the application changes. A common example is username and password. Varying the username requires you to change the password. What is this type of parameterization?

- A. Data Caching
- B. Date Constraint
- C. Unique Constraint
- D. **Data Dependency**

<<<<<< ===== >>>>>>

Q. 39: Where do you define an Auto Correlation rule?

- A. Test settings
- B. General options
- C. Run-time settings
- D. **Recording options**

<<<<<< ===== >>>>>>

Q. 40: Which run-time setting node is available to all protocols?

- A. **General**
- B. Browser
- C. Network
- D. Internet Protocol

Q. 41: You recorded a new script and then realized you failed to turn on the Enable correlation during recording option. What should you do?

- A. **Regenerate the script**
- B. Re-record the script again
- C. Highlight the entire script and press the Correlation button on the toolbar
- D. Copy and paste the script to a new script with the Correlation option enabled

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Q. 42: What is used, during the debugging process that will pause execution at a specific point in the script?

- A. Step button
- B. Compile button
- C. Execution Arrow button
- D. **Toggle Breakpoint button**

<<<<< ===== >>>>>

Q. 43: Which function allows you to exit from the script, action, or iteration?

- A. **lr_exit**
- B. web_exit
- C. lr_exit_test
- D. web_exit_run

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Q. 44: You want to prevent VuGen from generating any lr_think_time functions in your script. What can be modified to accomplish this?

- A. Modify the Run-time settings and select Ignore think time
- B. Modify the Run-time settings and select Multiply recorded think time by 0
- C. Modify the Recording options and deselect the Generate think time greater than threshold**
- D. Modify the Recording options and deselect the Generate fixed think time after end transaction

<<<<< ===== >>>>>

Q. 45: What is one advantage of the Script view?

- A. Allows you to see a snapshot of each page
- B. Allows you to use the script documentation
- C. Allows you to insert transactions through the task menu
- D. Allows you to add logic using functions and control statements**

<<<<< ===== >>>>>

Q. 46: You want to have your script define a different e-mail address to each user during a registration process for an e-commerce site, using the following format: testing99999@hp.com.

Your script will execute a maximum of 50 iterations. How can this be accomplished?

- A. Define a file parameter, start at 1, block size per Vuser: 50, number format: testing%05d@hp.com
- B. Define a unique number parameter, start at 1, block size per Vuser: 50, number format: Testing%05d@hp.com**
- C. Define a random number parameter, minimum number: 1, maximum number: 99999, number format: testing%05d@hp.com
- D. Define a sequential number parameter, minimum number: 1, maximum number 999, number format: testing%05d@hp.com

<<<<< ===== >>>>>

Q. 47: Which function allows you to select the next available parameter?

- A. lr_next_value
- B. web_next_param
- C. **lr_advance_param**
- D. web_advance_parameter

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Q. 48: Which parameter type will always have the value of one when replayed in VuGen?

- A. Vuser ID
- B. **Group Name**
- C. Iteration Number
- D. Random Number

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Q. 49: What is the file extension for the script file that is opened by VuGen?

- A. .c
- B. .txt
- C. **.usr**
- D. .cor

<<<<<< ===== >>>>>>

Q. 50: When modifying the Properties for a Block in the Run-time settings? Run Logic, which Run Logic options are available? (Select two.)

- A. File
- B. Unique
- C. **Random**
- D. **Sequential**
- E. Same Line As
- F. Iteration Number

Q. 51: What is the script view in VuGen?

- A. **A text-based view that lists the actions of the Vuser as API functions**
- B. A text-based view that displays the client request and server response
- C. An icon-based view that represents what the client received from the server
- D. An icon-based view that shows each step and the corresponding screenshots

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Q. 52: You want to loop through a block of code 10 times using the for loop. What would accomplish this?

- A. For (i = 0; i < 10; i--)
- B. For (i = 1; i < 10; i--)

- C. For (i = 1; i < 10; i++)
- D. **For (i = 1; i <= 10; i++)**

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Q. 53: Which web protocol recording level always generates the web_submit_data function?

- A. ICA
- B. **URL**
- C. RDP
- D. HTML

<<<<<< ===== >>>>>>

Q. 54: Which programming language is used for the web Vuser type in VuGen?

- A. TSL
- B. Java
- C. HTML
- D. **ANSI C**
- E. VBScript

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Q. 55: During which stage is it recommended that the visual cues for verification be established?

- A. During the scripting stage
- B. **During the planning stage**
- C. During the recording stage
- D. During the execution stage

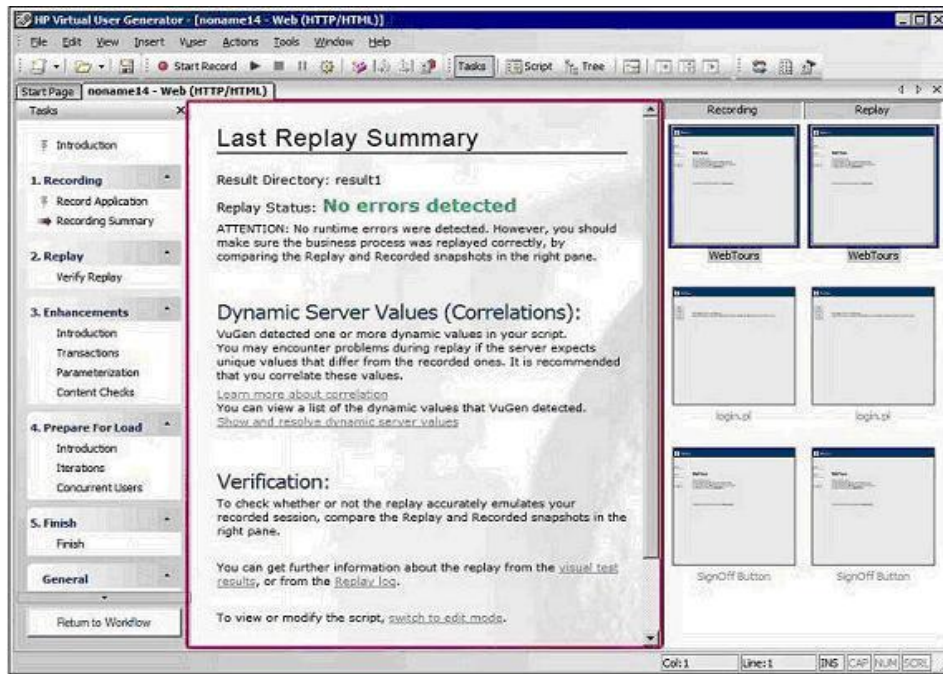
<<<<<< ===== >>>>>>

Q. 56: Which characters are used to comment a single line?

- A. **//**
- B.
- C. /*
- D. */

<<<<<< ===== >>>>>>

Q. 57: Exhibit



What is the highlighted section of the Workflow Wizard called?

- A. Task pane
- B. Output pane
- C. Thumbnail pane
- D. **Information pane**

<<<<<< ===== >>>>>>

Q. 58: Which keyword is a conditional statement?

- A. **If**
- B. For
- C. Do
- D. While

<<<<<< ===== >>>>>>

Q. 59: Which function marks the ending of a measurement of elapsed time?

- A. **lr_end_transaction**
- B. web_end_transaction
- C. lr_complete_transaction
- D. web_complete_transaction

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Q. 60: What is the output of the following code snippet?

char string[] = esting

lr_output_message (answer is: %u strlen(string));

- A. **Answer is: 7**
- B. Answer is: 8
- C. Answer is: 9
- D. Answer is: 10

Q. 61; Which protocols capture actual think times? (Select two.)

- A. **.ODBC**
- B. **Click-n-Script**
- C. TruClient
- D. JavaScript
- E. RTE

<<<<< ===== >>>>>

Q. 62; What does Button 1 in the image do while recording?

- A. Initiates New Script
- B. Initiates Start Transaction
- C. Initiates End Transaction
- D. **Initiates New Action**
- E. Initiates Call to Script
- F. Initiates Rendezvous

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Q. 63; You encounter a situation where the applications communicate via Web Services server-to-server. Both servers are running on Linux. What is the best way to simulate the load on the second server?

- A. Launch VuGen on the first server and record the process using SOA Protocol.
- B. Get the code of the application and create a Java web service call to the second server.
- C. Record two scripts and merge them.
- D. **Use tcpdump and capture the communication, and import using Analyze Traffic.**

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Q. 64; What is the difference between the URL-based and the HTML-based recording modes?

- A. URL is more accurate, as it traces every resource request.
- B. HTML is more accurate, as it takes into account client-side logic.
- C. HTML replay is based on UI elements, while URL works at the protocol level.
- D. **They differ in the way HTTP requests to the server are built during replay.**

<<<<< ===== >>>>>

Q. 65; What should you do to try different Recording Options for the same business process?

- A. Record the business process again.
- B. **Click on Tools > Regenerate Scripts.**

- C. Copy the script and manually change the contents.
- D. Record the business process using a different protocol.

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Q. 66; When should you check the "Record the application startup" box?

- A. When you are about to record multiple actions
- B. When you want to navigate to a specific point in the application before you begin recording
- C. When you record into an existing script
- D. **When you record a new script are placed in levels for better identification.**
- E. Levels are organization features that have no influence.

<<<<<< ===== >>>>>>

Q. 67; How can you tell if a Web script is recorded in HTML mode?

- A. The script is more detailed.
- B. The script contains the command web_submit_data to submit data.
- C. **The script contains the command web_submit_form to submit data.**
- D. Correlation does not work.

<<<<<< ===== >>>>>>

Q. 68; Which options are available to work with User-Defined Templates? (Select two.)

- A. Copy from Template
- B. **Save as Template**
- C. Add to Template
- D. Record from Template
- E. **Create Script from Template. The script contains the command web_submit_form to submit data.**
- F. Correlation does not work.

<<<<<< ===== >>>>>>

Q. 69; Which resources are supported by a User-Defined Template? (Select two.)

- A. Recording Options
- B. **Run-time Settings**
- C. General Options
- D. **parameters**
- E. **Output logs**

<<<<<< ===== >>>>>>

Q. 70; When choosing between HTML-based and URL-based recording modes for Web protocol, robustness and maintainability of the recorded script should be considered. What would cause the replay failure of a script recorded in URL mode?

- A. A dynamically generated URL
- B. A page with variable content
- C. A form with parameterized data

- D. An image with variable content
- E. An extra resource in the page
- F. A new image referred by the page
- G. **The replacement of a JPG image with a corresponding GIF**

Q. 71; When choosing between HTML-based and URL-based recording modes for Web protocol, robustness and maintainability of the recorded script should be considered. What would cause the replay failure of a script recorded in HTML mode?

- A. A change in the links URL
- B. A missing image in the page, if not linked
- C. **A change in the links text**
- D. An extra resource in the page

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Q. 72; What is the purpose of the "Close all AUT processes when recording stops" option?

- A. It closes all windows of the application at end of recording.
- B. **It closes all AUT windows opened during the recording session at end of recording.**
- C. It closes all open windows at end of recording.
- D. It closes the last window opened during recording. a resource in the page

<<<<< ===== >>>>>

Q. 73; A customer informs you that an application to be tested is Acid2 compliant. Which protocol should be used to test this application?

- A. Silverlight
- B. URL
- C. AMF
- D. HTML
- E. **TruClient**
- F. Click-n-Script

<<<<< ===== >>>>>

Q. 74; A customer uses Adobe BlazeDS Server for their web browser to server communications with a Flash Client. Which protocol should be used in VuGen to test this application?

- A. HTML
- B. Click-n-Script
- C. **AMF**
- D. TruClient
- E. SOA

<<<<< ===== >>>>>

Q. 75; What is the purpose of capturing think times?

- A. **It simulates the keyboard entry time of an end user on a system.**
- B. It is necessary to make VuGen pause long enough to capture the server responses.

- C. It prevents excessive CPU consumption for virtual users on the load generators.
- D. It is necessary to make VuGen pause to reduce the amount of data required during testing.

<<<<< ===== >>>>>

Q. 76; In HTML-based and URL-based recording modes, user steps are recorded at different layers. They differ in the layer where the user steps are recorded. Why is the HTML recording name also named as "context sensitive"?

- A. Because every UI object is recognized in the context of the page/window to which it belongs
- B. Because the browser cache stores a copy of the page, in the context of which user actions are performed
- C. **Because the playback engine cache stores a copy of the page, in the context of which user actions are performed**
- D. Because context sensitive help suggestions are available in HTML mode only

<<<<< ===== >>>>>

Q. 77; Which VuGen function allows you to define a point to halt script execution for debugging purposes?

- A. **Breakpoints**
- B. Bookmarks
- C. Ir_end_transaction function
- D. Run step by step

<<<<< ===== >>>>>

Q. 78; When should you develop a multi-protocol script?

- A. When the script uses HTTP and HTTPS in the same business process
- B. When you want to save resources on the Load Generator
- C. **When the business process uses different sets of APIs**
- D. When you require better maintenance of the script

<<<<< ===== >>>>>

Q. 79; Which tool should you use to identify the protocol to use?

- A. Protocol Analyzer
- B. **Protocol Advisor**
- C. HP Diagnostics Probe
- D. HP WebInspect

<<<<< ===== >>>>>

Q. 80; Which statement is true about script levels in TruClient?

- A. **VuGen moves steps that it deems unnecessary during replay, to a lower level.**
- B. Levels are newly-introduced, nested programming features.
- C. Asynchronous calls are placed in levels for better identification.
- D. Levels are organization features that have no influence.

Q. 81; What is the best way to compare two versions of a script?

- A. You open a second instance of VuGen and do a line-by-line comparison.
- B. **You click on Tools > Compare with Script ...**
- C. You use the test result to compare the scripts.
- D. You verify the output.txt of both scripts.

<<<<< ===== >>>>>

Q. 82; What should you do to apply Script As Run-time Settings, parameters, extra files, and actions to a Script B?

- A. **Save Script As script as a template and then apply the template to Script B before script recording.**
- B. Export Script As settings to a .cor file and then import the settings to Script B.
- C. Select the option to create a new Vuser script and then select Script A.
- D. Copy the .ext file located in Script As main directory to Script Bs main directory.

<<<<< ===== >>>>>

Q. 83; Click the Exhibit button



The screenshot shown in the exhibit is showing a default view from what?

- A. Run-time Settings: General: Miscellaneous
- B. Run-time Settings: General: Log
- C. Run-time Settings: General: Pacing
- D. **Run-time Settings: General: Run Logic**

<<<<< ===== >>>>>

Q. 84; What does the window "Run-time Settings: General: Log" allow you to do? (Select three.)

- A. Configure the script to log only if there are no errors.
- B. **Set the log level (standard or extended).**

- C. Set the percentage of Vusers that will log in the test run execution.
- D. **Turn on / off logging.**
- E. Enable or disable Transaction Response Time logging.
- F. **Enable or disable Advanced Trace.**

<<<<<< ===== >>>>>>

Q. 85; Load Generator hosts are experiencing heavy memory usage. Which Run-time Settings optimization will reduce memory usage of each of the running Vusers?

- A. Miscellaneous: Run Vuser as a process
- B. **Miscellaneous: Run Vuser as a thread**
- C. Think time: Ignore think time
- D. Log: Extended log

<<<<<< ===== >>>>>>

Q. 86; What is the default behavior of a Vuser encountering an error?

- A. **Stop**
- B. Continue
- C. Stop itself and all other Vusers in the same LoadRunner Scenario group
- D. Stop itself and shut down the Load Generator on which the error occurs n Vuser as a thread
- E. Think time: Ignore think time
- F. Log: Extended log

<<<<<< ===== >>>>>>

Q. 87; What is the purpose of Browser Emulation in the Run-time Settings?

- A. To define the browser that you want to use during the script recording process
- B. To enable the TruClient plugin for Firefox
- C. To define which Load Generator host you want to use during a load test that involves the script
- D. **To define the user agent header that a Vuser sent to identify which browser is currently emulated**
- E. Enable or disable Advanced Trace.

<<<<<< ===== >>>>>>

Q. 88; Which option instructs VuGen to cache only the URLs that require the HTML content?

- A. Check for newer version of stored pages every visit to the page
- B. **Cache URL requiring content (HTML)**
- C. Download non-HTML resources
- D. Clear cache on each iteration

<<<<<< ===== >>>>>>

Q. 89; What is a QuickTest Professional test comprised of?

- A. **Calls to actions**
- B. Calls to actions (reusable only)

- C. Calls to QuickTest Professional tests
- D. Calls and copies of actions

<<<<< ===== >>>>>

Q. 90; Click the Exhibit button.

[-] General	
Iteration	1
Action	Action
Line Number	4
[-] Parameters	
Password	bean
Username	jojo
For Help, press F1.	

Which tab is shown in the VuGen Output window?

- A. Run-time Data
- B. Generation Log
- C. Parameter Simulator
- D. Replay Log

Q. 91; What happens when you set the animated run delay to 5,000 milliseconds?

- A. When replaying the script, the Run-time Viewer pauses for 5 seconds when an error has occurred.
- B. When replaying the script, the Replay Log only displays the last 5 seconds of logging information.
- C. When the script is replayed, the Run-time Viewer displays 5 seconds behind the current line being executed.
- D. When replaying the script, a line executes and then pauses for 5 seconds, executes the next line of code and pauses for 5 seconds, and continues with this pattern.

<<<<< ===== >>>>>

Q. 92; Which function should you use to send a message to the log file, Replay Log, and Controller Output window?

- A. Ir_set_debug_level
- B. Ir_error_message
- C. Ir_log_message
- D. Ir_vuser_status_message

<<<<< ===== >>>>>

Q. 93; Which parameter type will always have the value of None when replayed in VuGen?

- A. Group Name
- B. Iteration Number

- C. Random Number
- D. Vuser ID

<<<<<< ===== >>>>>>

Q. 94; After finishing editing a previously recorded script, you push the Play button. Which log contains the actions and errors of the Vuser as it runs?

- A. Recording Log
- B. Generation Log
- C. **Replay Log**
- D. Current log that is playing

<<<<<< ===== >>>>>>

Q. 95; Which view allows you to edit a script by adding text-based enhancement, Vuser API or control flow statements?

- A. **Script view**
- B. Tree view
- C. Snapshot view
- D. Tasks view

<<<<<< ===== >>>>>>

Q. 96; Which feature allows you to visually check a script's capability to effectively download a graphical resource (such as an image in png format) inside a Web page?

- A. **Snapshot view**
- B. Script view
- C. Correlation Studio
- D. Bookmarks

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Q. 97; Which view allows an in-depth analysis of HTTP request and response headers?

- A. Script view
- B. Snapshot view
- C. **HTTP view under Tree view**
- D. Test results view

<<<<<< ===== >>>>>>

Q. 98; Your script will iterate three times using a parameter table/file with the following values: {Kim; David; Michael; Jane; Ron; Alice; Ken; Julie; Fred}.

If you specify "Update on Each iteration" with Unique method, what will the second Vuser in your test run use?

- A. Kim, David and Michael
- B. Ken, Julie, and Fred

- C. **Jane, Ron, and Alice**
- D. David, Michael and Jane

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Q. 99; Your business process is composed of five sequential, logical steps:

- 1. Login**
- 2. customer search**
- 3. customer selection**
- 4. customer update**
- 5. logoff**

You want to be able to measure end-to-end response times for each logical step. To accomplish this, what will you set them as?

- A. Distinct functions
- B. **Distinct transactions**
- C. Separate actions
- D. Distinct Vuser scripts

<<<<< ===== >>>>>

Q. 100; What do transaction times measure?

- A. **Transmission and response time between client and server**
- B. Time spent only on client
- C. Network time only
- D. Database time only

Q. 101; What is the unit of measurement for a transaction?

- A. Microseconds
- B. Milliseconds
- C. **Seconds**
- D. Minutes

<<<<< ===== >>>>>

Q. 102; For which protocol(s) can automatic transactions per step be defined?

- A. All protocols
- B. **Web Protocol only**
- C. Citrix Protocol only
- D. SAP Protocol only

<<<<< ===== >>>>>

Q. 103; What is a data parameter type?

- A. Sequential Number
- B. Scenario ID

- C. Rendezvous
- D. **File**

<<<<<< ===== >>>>>>

Q. 104; Which situations require parameterization? (Select four.)

- A. **Unique constraint**
- B. Type of application
- C. **Date constraint**
- D. **Data dependency**
- E. Type of database
- F. **Data caching**
- G. Clustered database

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Q. 105; In which VuGen tab can you see dynamic parameterized data during script replay?

- A. Replay Log
- B. Recording Log
- C. **RunTime Data**
- D. Generation Log

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Q. 106; During analysis of a scenario, you realize that the throughput becomes flat as Vusers continue to increase. What is the likely cause?

- A. The Controller is missing data.
- B. Schedule of the scenario is incorrect.
- C. One or more Load Generators failed.
- D. **A bottleneck is reached.**

<<<<<< ===== >>>>>>

Q. 107; Which tool can be used to store information about a defect in HP Sprinter without disrupting test flow?

- A. Defect Highlighter tool
- B. Test Defect tool
- C. Smart Defect tool
- D. **Defect Reminder tool**

<<<<<< ===== >>>>>>

Q. 108; How are related projects grouped?

- A. By test set
- B. By package
- C. By domain
- D. **By class**

<<<<<< ===== >>>>>>

Q. 109; What is defined as a set of development and quality assurance efforts performed to achieve a common goal, based on the release timeline?

- A. Test Set
- B. Requirement
- C. Test Plan
- D. **Cycle**

<<<<<< ===== >>>>>>

Q. 110; Which customization use cases can only be accommodated by editing workflow code?

- A. **Sending an email to a test's owner whenever a linked requirement is updated**
- B. Permitting developers to see only the defects submitted by their team
- C. Adding a new status called "Pending Review" to the Test Status system field
- D. Denying access to the Releases module for certain groups of users

Q. 111; What is the best way to use an action from an existing script in a new script?

- A. You record the action again in the new script.
- B. You copy the code from the existing script action to the new script.
- C. You run both Vusers in the scenario with only the relevant actions listed.
- D. **You import the action into a script directly from the pre-existing script.**

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Q. 112; Where should you add a web_reg_save_param function to a script?

- A. In the global.h section
- B. Before the step that contains the dynamic value
- C. **Before the step that generates a response from the server containing the value**
- D. At the beginning of the action section that contains the dynamic value

<<<<<< ===== >>>>>>

Q. 113; When is correlation used?

- A. **When a recorded script includes a dynamic value (such as a session ID) and cannot replay**
- B. When you want to take a value and turn it into a variable in order to make your script more realistic
- C. When you want to input different users' credentials in your script
- D. When you want to check the presence of a string in a response to validate script results

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Q. 114; What is the main purpose of inserting Rendezvous points?

- A. To synchronize Vusers with server timestamps
- B. **To synchronize Vusers to simultaneously perform a task**
- C. To stop all Vusers when an error occurs
- D. To initialize Vusers with a schedule

<<<<< ===== >>>>>

Q. 115; Which formats contain valid VuGen built-in DFEs?

- A. Base64, Base 32, XMI
- B. JSON, XML, Base64**
- C. URI, XML, VDI
- D. SOAP, URL, JSON

<<<<< ===== >>>>>

Q. 116; A script needs to run a specific Web URL request 10 times. Which C function should be used?

- A. loop
- B. for**
- C. next
- D. until
- E. for each

<<<<< ===== >>>>>

Q. 117; VuGen automatically inserts the web_set_user function for which authentication type(s)?

- A. Basic only**
- B. NTLM only
- C. Digest only
- D. Basic and NTML
- E. NTML and Digest
- F. Basic and Digest

<<<<< ===== >>>>>

Q. 118; You are asked to generate a string value that will be unique for every user for a given scenario execution. You are running the test in HP LoadRunner Controller. Which minimum set of values provided by lr_whoami provides a unique string value for every user, even if you have multiple groups?

- A. int *vuser_id, int *scid //userid and scenario id
- B. int *user_id, char **sgroup, int *scid //user id and group name and scenario id
- C. int *vuser_id, char **sgroup //user id and group name**
- D. int *user_id, char **sgroup //user id and group name
- E. int *vuser_id // user id

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Q. 119; You add the logic lr_message("the message"); to your script but you do not see any messages in the Output window while running the scenario in the Controller. What should you do?

- A. Add the code lr_start_messages(1); before the lr_message("the message");

B. Change the logging options in the Controller's Run-time Settings from "only when an error occurs" to "Always Send" and "Standard Log."

C. Add the code `lr_set_debug_message(LR_MSG_CLASS_EXTENDED_LOG | LR_MSG_CLASS_FULL_TRACE, LR_SWITCH_ON);` to the line before the `lr_message("the message");`

D. Highlight the script in the Controller, click Details, and click Refresh Log Options.

E. Because only 10% of the messages are logged, wait for the test to run longer.

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Q. 120; You are tasked with building a Web script. Upon replay, one URL sometimes throws a 404 error that results in the script execution stopping. You want to continue running the script when this 404 occurs because it is not critical to the test. Which command allows you to ignore this failure and continue the script execution?

- A. `lr_continue_on_failure(1);`
- B. `lr_failure_continue(1);`
- C. **`lr_continue_on_error(1);`**
- D. `lr_error_continue(1);`

Q. 121; You have just completed an advanced script that must get a real-time security encryption key for a login function. The security encryption key is obtained by loading a custom DLL using `rc=lr_load_dll("SecureAcces.dll")` and then calling a custom function. The login logic works on the Controller where you are developing the VuGen script, but when replaying on remote Load Generators, the script fails with error code `rc=11`. How can you fix this error 11?

(Select two.)

A. The full path should have been specified. You change the command to `lr_load_dll("c:tempSecureAcces.dll");`

B. In the Controller, you select the script on the Design tab, then click the buttons Details, More, Files, Add and add the DLL `c:tempSecureAcces.dll`.

C. In the VuGen Run-time Settings, you select Additional attributes and click Add, then you select the DLL `c:tempSecureAcces.dll` so it can be found by all machines.

D. The DLL name was misspelled. You correct the error and rerun the scenario.

E. You add the DLL `c:tempSecureAcces.dll` using VuGen menu File > Add Files to Script.

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Q. 122; What does the `lr_advance_param` command do?

- A. Advances all data rows between iterations
- B. Immediately advances the current data row for the all columns in a data table
- C. Advances a given column's data row for only one column between iterations
- D. **Immediately advances the current data row for only one column in a data table**

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Q. 123; You are calling a custom function in a script you have written. The custom function takes an integer and is of the format myfunc(int); The HP LoadRunner parameter is called param_quantity. What should you use to call this custom function and pass your param_quantity value to it?

- A. myfunc(({param_quantity}).getInt())
- B. **myfunc(atoi (lr_eval_string("{param_quantity}")))**
- C. myfunc("{param_quantity}")
- D. myfunc(lr_string_int("{param_quantity}"))
- E. myfunc((integer) lr_eval_string("{param_quantity}"))

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Q. 124; Which Analysis feature under Options is useful to limit the analysis to only a portion of the entire load test duration?

- A. General: Date format
- B. Analyze Transaction Settings: Errors
- C. **Result Collection: Data Time Range**
- D. Result Collection: Data Aggregation

<<<<<< ===== >>>>>>

Q. 125; Which Analysis graph identifies web pages that take the most time; isolates where time is spent; and helps in identifying DNS resolution, SSL, and connection issues?

- A. Network Delay Time
- B. Windows Resource
- C. Time to First Buffer Breakdown
- D. **Page Download Time Breakdown**

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Q. 126; When can you view the RunTime view/tab of the script parameter data being used in a parameter?

- A. **During script replay/runtime only**
- B. During saving of a script
- C. During compilation of a script
- D. During execution of a script via the controller

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Q. 127; Which function is added to the script when inserting a text check during recording using the recording toolbar?

- A. web_reg_save_param
- B. **web_reg_find**
- C. web_reg_add_cookie
- D. web_reg_dialog

<<<<<< ===== >>>>>>

Q. 128; Which default actions are provided by VuGen? (Select three.)

- A. **vuser_init**
- B. vuser_run
- C. vuser_pause
- D. **action**
- E. vuser_pass
- F. **vuser_end**
- G. vuser_pending

<<<<<< ===== >>>>>>

Q. 129; Percentage weighting for blocks in Run Logic on Run-time Settings exists for which blocks?

- A. Only blocks running in sequential
- B. **Only blocks running in random**
- C. Locks running in random or sequential
- D. Blocks running unique

<<<<<< ===== >>>>>>

Q. 130; Consider a business process with login, business logic and logout. Login and logout need to be iterated only once while business logic will be iterated many times. What is the correct way to record in terms of actions in the script?

- A. Record the entire business process in action
- B. Record the entire business process in vuser_init
- C. **Record login logic in vuser_init, business logic in action, logout logic in vuser_end**
- D. Record the entire business process in vuser_end

Q. 1: What is the LoadRunner term that describes the time a user pauses between steps?

- A. Pacing
- B. User Delay
- C. **Think time**
- D. Navigation time

<<<<<< ===== >>>>>>

Q. 2: What is the first stage of load testing process?

- A. **Plan the load test**
- B. Create the scenario
- C. Execute the scenario
- D. Create VuGen scripts

<<<<< ===== >>>>>

Q. 3: When analyzing a technical aspect of a system under test, which group is a helpful source of information?

- A. End users
- B. Functional experts
- C. **Application experts**
- D. Corporate executives

<<<<< ===== >>>>>

Q. 4: Which file type has an extension .lrr?

- A. Script
- B. **Results**
- C. Analysis
- D. Scenario

<<<<< ===== >>>>>

Q. 5: You are a LoadRunner expert consultant and have been assigned to a client that needs to performance test an application that has not yet been released. How can you obtain information about the application anticipated load?

- A. Estimate how the application will be used
- B. Obtain the necessary information from web logs
- C. Look in the application's database to determine the anticipated load
- D. **Consult with the business experts to determine the anticipated load**

<<<<< ===== >>>>>

Q. 6: Which LoadRunner component runs the vuser that generates the load?

- A. VuGen
- B. Analysis
- C. Controller
- D. **Load Generator/host**

<<<<< ===== >>>>>

Q. 7: You are running a 3-tier web application. With which component must the load generator(s) communicate? (Select Two)

- A. VuGen
- B. Analysis
- C. **Controller**
- D. **Web server**
- E. Database server
- F. Application server

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Q. 8: Which statement is an example of a conceptual goal?

- A. **The application's update function should still work under heavy load**
- B. The update transaction must attain 200 concurrent users during peak time
- C. The search transaction should respond within 5 seconds during normal usage
- D. The login transaction should respond within 4 seconds or less during heavy usage

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Q. 9: Which term defines the end-to-end measurement of time when one or more steps are completed?

- A. **Transaction.**
- B. Action section.
- C. Business Process.
- D. Business Verification.

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Q. 10: During the analysis of a scenario, you realize that the hits per second become flat as Vusers continue to increase. What is likely to cause?

- A. A bandwidth problem
- B. A database server problem
- C. **A web server connection problem**
- D. An application server connection problem

Q. 11: Which scenario type helps you plan for future growth and provides a safety factor with the application?

- A. Debug
- B. Full Load
- C. **Top Time**
- D. Scalability

<<<<< ===== >>>>>

Q. 12: What is an example of a stress test?

- A. Purchasing at an e-commerce site
- B. Updating orders on a client/server system
- C. Viewing upcoming flight itineraries on a flight reservation application
- D. **Displaying the home page immediately after a marketing promotion has been run**

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Q. 13: What is the first indication of a performance problem?

- A. The network delay time is above 15ms.
- B. The DNS is not resolving the machine name.
- C. The Web server's available memory drops below 1 GB.
- D. **The end user experiences higher than expected response time**

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Q. 14: You are meeting a new LoadRunner customer. The application under test is a call center application used by the customer representatives. The representatives are located in Phoenix, AZ and Columbus, OH. A large customer base resides in Flagstaff, AZ and Cincinnati, OH. The servers are located in Washington, DC. Where would you place the load generator machines? (Select two.)

- A. **Phoenix, AZ**
- B. Flagstaff, AZ
- C. Columbus, OH
- D. **Cincinnati, OH**
- E. Washington, DC

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Q. 15: Which file defines the Vusers to execute, the number of Vusers to run, the goals of the test, the computer that hosts the Vusers, and the conditions under which to run the load test?

- A. Script
- B. Group
- C. Session
- D. **Scenario**

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Q. 16: What is an external data source?

- A. User ID
- B. Password
- C. E-mail address
- D. **Purchase order number**

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Q. 17: What are the main types of service level agreements available in the Controller and Analysis? (Select two.)

- A. **Per Time Interval**
- B. Errors per Second
- C. **Over the Whole Run**
- D. Average Hits per Run
- E. Average Throughput per Run
- F. Average Transaction Response Time

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Q. 18: Which performance test objective is met when determining the cause of performance degradation?

- A. Reliability
- B. Regression
- C. Acceptance
- D. Capacity planning
- E. Product evaluation
- F. **Bottleneck identification**

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Q. 19: What are advantages of using automated load tests over manual load tests? (Select three.)

- A. **Repeatability**
- B. **Easier to scale**
- C. Improved validity
- D. Increased hardware resources
- E. **Simplicity of gathering analysis data**

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Q. 20: Which tool is used to manage and maintain a scenario?

- A. VuGen
- B. Analysis
- C. **Controller**
- D. Load generator

Q. 21: Which Analysis graph details transaction response times throughout the test?

- A. Transactions per Second
- B. **Average Transaction Response Time**
- C. Transaction Response Time Under Load
- D. Transaction Response Time (distribution)

<<<<< ===== >>>>>

Q. 22: Which types of reports can be automatically generated in the Analysis tool? (Select two.)

- A. **HTML**
- B. MS Excel
- C. **MS Word**
- D. Adobe PDF
- E. Crystal Report
- F. Rich Text Format

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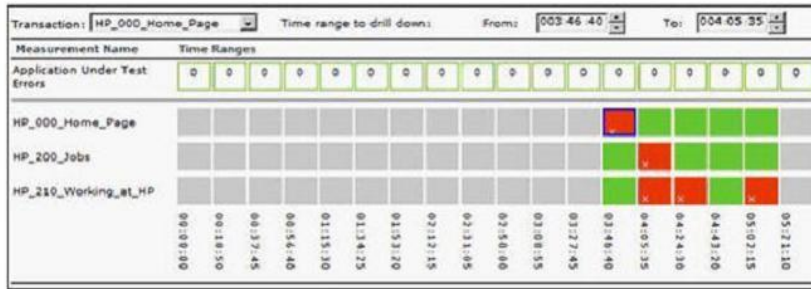
Q. 23: Which graph can analyze each web page component's relative server and network time?

- A. Throughput
- B. Windows Resources
- C. **Time to First Buffer Breakdown**
- D. Transaction Performance Summary

<<<<< ===== >>>>>

Q. 24: What does the image shown in the exhibit represent?

Exhibit:



- A. Auto Correlation
- B. **Service Level Agreement**
- C. Transaction Performance Summary
- D. Transaction Response Time (distribution)

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Q. 25: Which option in the Analysis tool allows you to focus on a specific measurement within your graph?

- A. **Drill Down**
- B. Apply Filter
- C. Merge Graphs
- D. Auto Correlate

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Q. 26: Which Analysis graph identifies web pages that take the most time; isolates where time is spent; and helps in identifying DNS resolution, SSL, and connection issues?

- A. Windows Resource
- B. Network Delay Time
- C. Time to First Buffer Breakdown
- D. **Page Download Time Breakdown**

<<<<<< ===== >>>>>>

Q. 27: You are running a test and notice that during the ramp up, the response times are beginning to drastically increase. How can you instruct LoadRunner to stop ramping up Vusers and hold the current number?

- A. Press the STOP button on the Controller's main window
- B. **Press the PAUSE button on the Interactive Schedule graph**
- C. Select the option to wait for the current iteration to end before stopping
- D. Select the Vusers in the Ready state from the Vusers window and click the STOP button

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Q. 28: During the run of a scenario, which LoadRunner component stores the performance monitoring data?

- A. Analysis
- B. **Controller**
- C. File server
- D. Load generator/host

<<<<< ===== >>>>>

Q. 29: Which scenario allows LoadRunner to automatically manage the Vusers?

- A. Manual
- B. Session
- C. Real-Life
- D. Automated
- E. User-Defined
- F. **Goal-oriented**

<<<<< ===== >>>>>

Q. 30: Which scenario execution run is used to verify the load limit before more resources are required?

- A. Debug
- B. Full Load
- C. Top Time
- D. **Scalability**

Q. 31: Where in the Run-time settings can you define to only send messages when an error occurs?

- A. **General: Log**
- B. General: Run Logic
- C. General: Miscellaneous
- D. General: Additional Attributes

<<<<< ===== >>>>>

Q. 32: You are running a test and notice that during the ramp up, the response times are beginning to drastically increase. How can you instruct LoadRunner to stop ramping up Vusers

and hold the current number?

- A. Press the STOP button on the Controller's main window
- B. **Press the PAUSE button on the Interactive Schedule graph**
- C. Select the option to wait for the current iteration to end before stopping
- D. Select the Vusers in the Ready state from the Vusers window and click the STOP button

<<<<<< ===== >>>>>>

Q. 33 Which scenario execution run allows you to verify the system performs as expected under load?

- A. Debug
- B. **Full Load**
- C. Top Time
- D. Scalability

<<<<<< ===== >>>>>>

Q. 34: When you specify to iterate a script 10 times, which sections of the script are iterated?

- A. Group
- B. **Action**
- C. Vuser_init
- D. Vuser_end

<<<<<< ===== >>>>>>

Q. 35: Where are the results stored during the run of a scenario?

- A. Analysis
- B. Controller
- C. Utility server
- D. **Load generator**

<<<<<< ===== >>>>>>

Q. 36: When you define a rendezvous point in a scenario, where should the Ir_start transaction function be placed?

- A. At the end of the action section
- B. At the beginning of the action section

C. Immediately after the rendezvous function

D. Immediately before the rendezvous function

<<<<<< ===== >>>>>>

Q. 37: While analyzing the Vuser log files from a scenario run, you see the following log file from one of the Vusers. Start auto log message stack - Iteration 1. Starting action BookFlight.BookFlight-c(5): Notify: Transaction WT_00_Home_Page started. BookFlight.c(7): Error -27796: Failed to connect to server 27.0.0.1:1080 [10061] End auto log message stack. What was the

A. Standard Logging

B. Extended Logging

C. Always send a message

D. End, message only when an error occurs

<<<<<< ===== >>>>>>

Q. 38: A script was recorded with an average think time for an advanced user. An advanced user pauses 5 seconds between clicks. A first-time user pauses an average of 10 seconds between clicks. How can you modify the think time run-time settings to emulate a first-time user?

A. Set the think time to s recorded

B. Set the think time to multiply the recorded think time by 4

C. **Set the think time to a random percentage between 150% - 250%**

D. Set the think time to replay as recorded, but limit the think time to 10 seconds

<<<<<< ===== >>>>>>

Q. 39: How can you validate that the LoadRunner Agent is running on the load generator?

A. Port 443 will be open.

B. The MIFW.exe process will be running.

C. **The radar dish will appear in the system tray.**

D. The load generator will be pinged using the name/DNS/IP.

<<<<<< ===== >>>>>>

Q. 40: Which scenario execution run allows you to look for potential transactions that require significantly longer times to complete?

A. Debug

B. Full Load

C. Scalability

D. **Top Time Transaction**

Q. 41: You run a load test & the performance does not agree with your goals. What is the next step that should be taken?

A. **Consult with subject matter experts**

B. Add an additional web server to the environment

C. Add additional memory to the hardware under test

D. Change your run time settings and return the scenario

<<<<<< ===== >>>>>>

Q. 42: Which scenario run is recommended to set the run time settings to Standard Logging?

A. Debug

B. Full Load

C. **Top Time**

D. Scalability

<<<<<< ===== >>>>>>

Q. 43: You are analyzing the results for a Debug run and realize that response times are better than SLAs. What should you do?

A. Re-run the scenario again to validate the transaction response times

B. Inform the project manager that additional performance tests are not necessary

C. **Ignore the transaction response times because they are meaningless in a Debug run**

D. Prepare for overload/scalability testing because the application is ready for additional users

<<<<<< ===== >>>>>>

Q. 44: You want to control the delay between iterations. Where do you set this in the IZun-time settings?

A. **General: Pacing**

B. General; Think Time

C. Network: Speed Simulation

D. Browser: Browser Emulation

<<<<<< ===== >>>>>>

Q. 45: Which HTTP error code indicates that an individual business process is failing under load or the web application itself has crashed?

- A. 200
- B. 403
- C. 401
- D. **500**

<<<<<< ===== >>>>>>

Q. 46: Which type of file can be used in a new LoadRunner group?

- A. .lrr
- B. .lra
- C. .lrs
- D. **usr**

<<<<<< ===== >>>>>>

Q. 47: What is an intersection point in a business process?

- A. Scenario
- B. **Rendezvous**
- C. Transaction
- D. Service level agreement

<<<<<< ===== >>>>>>

Q. 48: Which Run-time settings node is available to all protocols?

- A. **General**
- B. Browser
- C. Network
- D. Internet Protocol

<<<<<< ===== >>>>>>

Q. 49: Where in the Runtime settings would you set your script to run 10 iterations?

- A. **General: Run Logic**
- B. General: Miscellaneous
- C. Browser: Browser Emulation
- D. Internet Protocol: Preferences

<<<<<< ===== >>>>>>

Q. 50: While running a script in the Controller you notice a scripting error. While the scenario is still open, you return to VuGen, make the coding modification & save the script. What do you need to do before running the scenario again?

- A. Save the scenario
- B. Refresh the script in the Controller**
- C. Refresh the Run-time settings in the Controller
- D. Do nothing. The script will automatically refresh.

Q. 51: What instructs LoadRunner to prepare the Vusers so they are in the ready state?

- A. Real-life
- B. Initialize**
- C. Duration
- D. Start Vusers

<<<<<< ===== >>>>>>

Q. 52: Which performance test objective is met when determining if the new version of the software adversely affects response time?

- A. Reliability
- B. Regression**
- C. Acceptance
- D. Capacity planning
- E. Product evaluation
- F. Bottleneck identification

<<<<<< ===== >>>>>>

Q. 53: Which term refers to a set of actions or user steps performed within an application to accomplish a business goal?

- A. Transaction
- B. Vuser script
- C. Business process**
- D. Business verification

<<<<<< ===== >>>>>>

Q. 54: What is the appropriate scenario outline if your quantitative goal is to attain 2,500 concurrent users for the Update transaction during peak time?

- A. Load test should achieve 2,500 users only.
- B. Script should define the Update transaction only.
- C. Script should define the Update transaction, and the load test should achieve 2,500 users.
- D. Script should define the Update transaction, and the load test should achieve 2,500 concurrent users.**

<<<<<< ===== >>>>>>

Q. 55: Which source provides data that resides in an application database?

- A. **Master data**
- B. External data
- C. User-generated data
- D. Server-generated data

<<<<<< ===== >>>>>>

Q. 56: Which tool is used to emulate the steps of real users?

- A. **VuGen**
- B. Analysis
- C. MI Listener
- D. Load generator

<<<<<< ===== >>>>>>

Q. 57: What must have direct communication with VuGen?

- A. Controller
- B. Load generator
- C. Database server
- D. **Application under test (AUT)**

<<<<<< ===== >>>>>>

Q. 58: If a load test has to run for 4 hours with 2,000 users, and the average iteration completes in 10 minutes, how many transactions will run per minute?

- A. 150
- B. **200**
- C. 400
- D. 475

<<<<<< ===== >>>>>>

Q. 59: What allows you to gather performance metrics for a variety of major backend system components including firewalls, application servers, and database servers?

- A. **Monitors**
- B. Scenarios
- C. Transactions
- D. Service level agreement

<<<<<< ===== >>>>>>

Q. 60: What is the LoadRunner term for varying values defined in a placeholder that replaces the hard-coded values?

- A. Variable
- B. Constant
- C. **Parameter**
- D. Correlation

Q. 61: Which performance test finds the behavior and performance of each tier?

- A. Load test
- B. Volume test
- C. Scalability test
- D. **Component test**

<<<<< ===== >>>>>

Q. 62: Which performance test is used to find the system breaking point?

- A. Load test
- B. Volume test
- C. **Scalability test**
- D. Component test

<<<<< ===== >>>>>

Q. 63: Which LoadRunner tool captures the communication between the browser and web server?

- A. **VuGen**
- B. Analysis
- C. Controller
- D. Load generator

<<<<< ===== >>>>>

Q. 64: What provides data that is unknown before the application is run?

- A. Master data
- B. **External data**
- C. User-generated data
- D. Server-generated data

<<<<< ===== >>>>>

Q. 65: Which performance test objective is met when determining if the system is stable enough to go into production?

- A. Reliability
- B. Regression
- C. **Acceptance**
- D. Capacity planning
- E. Product evaluation
- F. Bottleneck identification

<<<<< ===== >>>>>

Q. 66: View the Business Process Profile table for the e-commerce site shown in the exhibit. Which business processes are the most critical to record? (Select Two)

Exhibit

Business Process Name	Typical Day	Peak Day	Dynamic Content	Mission Critical
Sign in	70 / hr	200 / hr	Light	Moderate
View sale items	350 / hr	820 / hr	Moderate	Moderate
View outlet items	40 / hr	60 / hr	Moderate	Low
Contact Us	10 / hr	15 / hr	Light	Low
Checkout	120 / hr	275 / hr	Heavy	Heavy

- A. Sign in
- B. **Checkout**
- C. Contact Us
- D. **View sale items**
- E. View outlet items

<<<<< ===== >>>>>

Q. 67: The exhibit shows a table with the desired number of business processes. Which percentage would be allocated to each business process in order to execute that business process the desired number of times?

Exhibit

Business Process	Goal Number of Business Processes Per Hour
View Children's Clothing Item	200
View Men's Clothing Item	100
View Women's Clothing Item	200
View Household Item	400
View Shoes	100

- A. View Children Clothing Item - 20% View Men Clothing Item - 15% View Women Clothing Item - 20% View Household Item - 30% View Shoes
- B. View Children Clothing Item - 2% View Men Clothing Item -1% View Women Clothing Item - 2% View Household Item - 4% View Shoes – 1%

C. View Children Clothing Item - 20% View Men Clothing Item - 10% View Women Clothing Item - 20% View Household item – 40% View Shoes – 1%

D. View Children Clothing Item - 0.2% View Men Clothing Item - 0.1% View Women Clothing Item - 0.2% View Household Item - 0.4% View Shoes – 0.1%

<<<<< ===== >>>>>

Q. 68: Which step comes after scenario execution in the load testing process?

- A. **Analyze Results**
- B. Rerun the Scenario
- C. Record the Process
- D. Fine Tune the System

<<<<< ===== >>>>>

Q. 69: Which level of concurrency identifies how many users are currently in the process of buying a ticket?

- A. System
- B. Application
- C. Transaction
- D. **Business process**

<<<<< ===== >>>>>

Q. 70: Which LoadRunner component is supported on UNIX?

- A. VuGen
- B. Analysis
- C. Controller
- D. **Load generator**

Q. 71: Which option in the Analysis tool allows you to compare a measurement in a graph with other measurements during a specific time range of a scenario and view similar trends?

- A. Drill Down
- B. Apply Filter
- C. Merge Graphs
- D. **Auto Correlate**

<<<<< ===== >>>>>

Q. 72: Which Analysis graph details transaction response times as a function of load?

- A. Transactions per Second
- B. Average Transaction Response Time
- C. **Transaction Response Time Under Load**
- D. Transaction Response Time (distribution)

<<<<< ===== >>>>>

Q. 73 During analysis of a scenario, you realize that the throughput becomes flat as Vusers continue to increase. What is the likely cause?

- A. **A bandwidth problem**
- B. A database server problem
- C. A web server connection problem
- D. An application server connection problem

<<<<< ===== >>>>>

Q. 74: Which option in the Analysis tool allows you to see the results of two graphs from the same load test scenario in a single graph?

- A. Drill Down
- B. Apply Filter
- C. **Merge Graphs**
- D. Auto Correlate

<<<<< ===== >>>>>

Q. 75: Which Analysis graph shows the number of transactions against transaction response times?

- A. Transactions per Second
- B. Average Transaction Response Time
- C. Transaction Response Time Under Load
- D. **Transaction Response Time (distribution)**

<<<<< ===== >>>>>

Q. 76: In the Analysis tool, what allows you to modify the scale of the x-axis?

- A. Think time
- B. **Granularity**
- C. Event type
- D. Transaction hierarchical path

<<<<< ===== >>>>>

Q. 77: Which Analysis graph details the delay for the complete path between the source and destination machines?

- A. MS IIS
- B. Windows Resource
- C. **Network Delay Time**
- D. Time to First Buffer Breakdown

<<<<< ===== >>>>>

Q. 78: What does the elapsed time in the Scenario Status window refer to?

- A. The time that has elapsed from when all Vusers have finished Initializing
- B. The time that has elapsed from when all Vusers were in the running state
- C. The time that has elapsed from when you press the start Scenario button**
- D. The time that has elapsed from when the first Vusers entered the running state

<<<<< ===== >>>>>

Q. 79: You configure a scenario to start with a delay of <05:00:00> (HH:MM:SS) just before leaving from work. You return the next morning to find that the scenario did not run. Why would this happen?

- A. You failed to save the scenario.
- B. You failed to save the schedule.
- C. You failed to connect to the load generators.
- D. You failed to press the START SCENARIO button.**

<<<<< ===== >>>>>

Q. 80: After the scenario execution, which LoadRunner component is responsible for collecting and organizing the performance data?

- A. VuGen
- B. Analysis
- C. Controller**
- D. Load generator

Q. 81: Where can you view the available Vuser types for which you are licensed?

- A. VuGen
- B. Analysis
- C. Controller
- D. Launch screen**

<<<<< ===== >>>>>

Q. 82: Which scenario run should have identical run-time settings as the Full Load run?

- A. Debug
- B. Isolation
- C. Top Time
- D. Scalability**

<<<<< ===== >>>>>

Q. 83: Which level of concurrency identifies how many users are currently buying tickets?

- A. System
- B. Application
- C. **Transaction**
- D. Business Process

<<<<<< ===== >>>>>>

Q. 84: Which performance test checks the stability of a system over an extended period of time?

- A. Load test
- B. **Volume Test**
- C. Scalability test
- D. Component test

<<<<<< ===== >>>>>>

Q. 85: What displays business processes and volume across a time line?

- A. Business process profile
- B. **Task distribution diagram**
- C. Business process mapping
- D. System configuration analysis

<<<<<< ===== >>>>>>

Q. 86: What is the LoadRunner term that describes the time a user pauses between steps?

- A. Pacing
- B. User delay
- C. **Think time**
- D. Navigation time

<<<<<< ===== >>>>>>

Q. 87: What is the first stage of the load testing process?

- A. **Plan the load test**
- B. Create the Scenario
- C. Execute the Scenario
- D. Create VuGen Scripts

<<<<<< ===== >>>>>>

Q. 88: When analyzing the technical aspects of a system under test, which group is a helpful source of information?

- A. End users
- B. Functional experts
- C. **Application experts**
- D. Corporate executives

<<<<< ===== >>>>>

Q. 89: Which file type has an extension of .lrr?

- A. Script
- B. **Results**
- C. Analysis
- D. Scenario

<<<<< ===== >>>>>

Q. 90: You are a LoadRunner expert consultant and have been assigned to a client that needs to performance test an application that has not yet been released. How can you obtain information about the application anticipated load?

- A. Estimate how the application will be used
- B. Obtain the necessary information from web logs
- C. Look in the application's database to determine the anticipated load
- D. **Consult with business experts to determine the anticipated load**

Q. 91: Which scenario type allows you to add, start, and stop Vusers during a scenario run?

- A. **Manual**
- B. Session
- C. Real Life
- D. Automated
- E. User-Defined
- F. Goal-Oriented

<<<<< ===== >>>>>

Q. 92: On which platform can the Controller be installed?

- A. UNIX
- B. Linux
- C. **Windows**
- D. Sun Solaris

<<<<< ===== >>>>>

Q. 93 You are running a load test to simulate a call center. The representatives log in to the application in the morning, perform their business processes throughout the day, and log out before leaving at the end of the day. You notice that the login transaction is failing for some users and none of the users have started their business processes. Which configuration is most likely defined for your scenario?

- A. **The login business process is in the vuser_init section, and the Vusers are defined to initialize all Vuser before running.**
- B. The login business process is in the vuser_init section, and the Vusers are defined to initialize 1 Vuser

every 10 seconds.

C. The login business process is in the login action section, and the Vusers are defined to initialize all Vusers before running.

D. The login business process is in the login action section, and the Vusers are defined to initialize 1 Vuser every 10 seconds.

<<<<<< ===== >>>>>>

Q. 94: During a top time transaction run, what is the recommended load percentage?

A. **20%**

B. 35%

C. 50%

D. 100%

<<<<<< ===== >>>>>>

Q. 95: You are testing an employee time entry system. The project manager has provided you with only 8 weeks to simulate users entering time. Which scenario run mode would you use to ensure that no more than 8 iterations occur?

A. Group

B. Scenario

C. Duration

D. Global Schedule

E. Real-Life Schedule

F. **Run until Complete**

<<<<<< ===== >>>>>>

Q. 96: You want to control the amount of delay that a Vuser pauses between executing steps. Where do you set this in the Run-time settings?

A. General: Pacing

B. **General: Think Time**

C. Network: Speed Simulation

D. Browser: Browser Emulation

<<<<<< ===== >>>>>>

Q. 97: When creating a new scenario, which types of scenarios can be defined?(Select two.)

A. **Manual**

B. Session

C. Real-Life

D. Automated

E. User-Defined

F. **Goal Oriented**

<<<<<< ===== >>>>>>

Q. 98: You want to modify the Server Resource Monitor Data Sampling Rate. However, this option is currently disabled. What should you do to remedy this?

- A. Start the wlrn.exe process on the Controller machine
- B. Close the scenario; start the ratat.exe process on the load generator; reopen the scenario
- C. **Disconnect from the load generator; modify the Data Sampling Rate; reconnect to the load generator**
- D. Do nothing as Monitoring of Server Resources is not an option because the customer did not purchase any Server Resource Monitors

<<<<<< ===== >>>>>>

Q. 99: You want to allow only 50 Vusers to initialize at one time. Where do you define this value?

- A. Script Preferences
- B. Script Run-time settings
- C. **Scenario Run-time settings**
- D. Load Generator dialog box

<<<<<< ===== >>>>>>

Q. 100: Which performance test determines whether the system handles anticipated real-world load?

- A. **Load test**
- B. Volume test
- C. Scalability test
- D. Component test

Q. 101: When running a debug run, what should you be looking for?

- A. System Worms as expected under load
- B. **No errors pertaining to running the load test**
- C. All server CPU and memory utilization below 50%
- D. Transaction response times that are higher than expected

<<<<<< ===== >>>>>>

Q. 102: Where do you define the value to be used for a random sequence seed?

- A. Script Preferences
- B. Scenario Scheduler
- C. Script Run-time settings
- D. **Scenario Run-time settings**

<<<<<< ===== >>>>>>

Q. 103: What is the recommended transaction monitoring frequency for large scenarios?

- A. 3
- B. 10
- C. **15**
- D. 30

<<<<<< ===== >>>>>>

Q. 104: What is a collection of Vusers within a scenario called?

- A. A set
- B. **A group**
- C. A profile
- D. A scenario

<<<<<< ===== >>>>>>

Q. 105: When scheduling a scenario, which run modes are available in the Controller? (Select two.)

- A. Group
- B. Scenario
- C. Duration
- D. Global Schedule
- E. **Real-Life Schedule**
- F. **Run Until Complete**

<<<<<< ===== >>>>>>

Q. 106: If you forget to connect to the load generators prior to starting a scenario, what will happen when the START command is issued?

- A. **The Controller will attempt to connect to the load generators then begin the scenario.**
- B. An error message will result, stating that connection must first be made to the load generators.
- C. The Vusers will automatically move to the FAILED status, and an error message will be issued.
- D. The Vusers will remain in the DOWN status until connection to the load generator(s) is manually done.

<<<<<< ===== >>>>>>

Q. 107: What is the recommended logging option in the Run-time setting for a full load test?

- A. Disable
- B. Standard
- C. Extended
- D. **Only when an error occurs**

<<<<<< ===== >>>>>>

Q. 108: Which scenario run is recommended to set the Run-time setting to Extended Log, Data Returned by Server?

- A. Debug
- B. Full Load
- C. Top Time
- D. Scalability

<<<<<< ===== >>>>>>

Q. 109: When you configure the transaction monitoring frequency, what is the recommended value for a small scenario?

- A. 1
- B. 5
- C. 10
- D. 15

<<<<<< ===== >>>>>>

Q. 110: Which run validates that there is enough test hardware available in the test environment?

- A. Debug run
- B. Scalability run
- C. **Benchmark run**
- D. Top-Time Transaction run

Q. 111: Which type of graph the image in the following exhibit represent?

Exhibit



- A. Merged graph
- B. Drill down graph
- C. **Cross scenario graph**
- D. Auto correlated graph

<<<<<< ===== >>>>>>

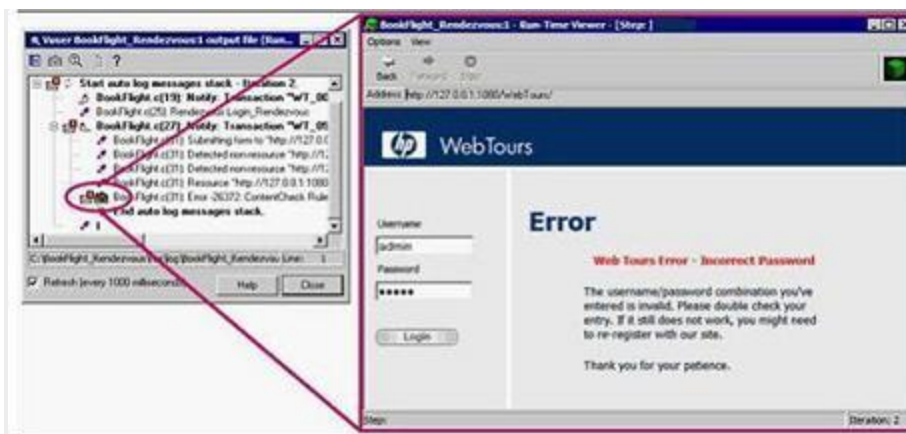
Q. 112: Which scenario run verifies that parameterized data works under concurrent usage?

- A. Debug
- B. Full load
- C. Top time
- D. Scalability

<<<<<< ===== >>>>>>

Q. 113: Which does the image shown in the following exhibit represent?

Exhibit

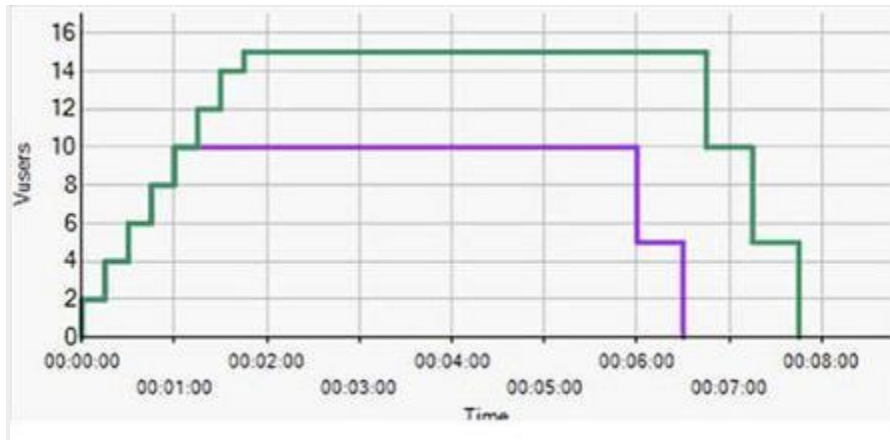


- A. Thumbnail
- B. Extended Log
- C. Content check
- D. Snapshot on error

<<<<<< ===== >>>>>>

Q. 114: Which description describes the schedule shown in the following exhibit?

Exhibit



A. The scenario is scheduled by scenario, consisting of two groups: one group with 10 Vusers, the other group with 15 Vusers, the duration action is set for 5 minutes.

B. The scenario is scheduled by group, consisting of two groups: one group with 10 Vusers, the other group with 15 Vusers, each group has the ramp up is set to 1 Vusers every 5 seconds.

C. The scenario is scheduled by group, consisting of two groups: one group with 10 Vusers, the other group with 15 Vusers. Each group has the duration action scheduled for 5 minutes.

D. The scenario is scheduled by scenario, consisting of one group: the ramp up is set to 2 Vusers every 20 seconds. The duration is set to 5 minutes and ramp down is set to 5 Vusers every 30 seconds.

<<<<< ===== >>>>>

Q. 115: You are running a 10% load test. The following exhibit shows a list of business processes, the desired number of business processes per hour, and the number of translations per business process. How many transactions should complete during the one hour full load test?

Exhibit

Business Process	Goal Number of Business Processes Per Hour	Number of Transactions per Business Process
Login	2,000	2
View Children's Clothing Item	3,000	3
View Men's Clothing Item	2,000	3
View Women's Clothing Item	6,000	3
View Household Item	4,000	3
View Shoes	1,000	4
Logout	2,000	1

- A. 2,000
- B. 20,000
- C. **5,000**
- D. 380,000

<<<<< ===== >>>>>

New Set of Questions Begin from Here

Q. 116: Which statement is true about the availability of VuGen?

- A. VuGen is only included when performing a full installation.
- B. An extra license is required to obtain VuGen.
- C. VuGen is available in a full installation, but is only activated if QuickTest Professional is also installed.
- D. **VuGen is available in a full installation and as a standalone installation.**

<<<<< ===== >>>>>

Q. 117: Which features are provided by WAN Emulation? (Select two.)

- A. **Simulate network latency between Load Generators and tested machines**
- B. Measure network bandwidth utilization of HP LoadRunner hosts during tests
- C. Measure response time of a transaction during performance tests
- D. **Define maximum bandwidth of a Load Generator** E. monitor uptime of a Load Generator

<<<<< ===== >>>>>

Q. 118: During a test run, why is it important to insert Run-time Monitors on Controller and Load Generator machines?

- A. To verify that Vuser ramp and Load Generator CPU usage are approximately the same
- B. To verify that your test architecture is properly isolated from external disturbance
- C. To ensure that test architecture performance is not lower than that of the architecture under test
- D. **To ensure that your test architecture can generate the desired load without itself becoming a bottleneck**

<<<<<< ===== >>>>>>

Q. 119: Which goal is an example of a measurable goal?

- A. The number of iterations defined in the Run-time Settings (RTS)
- B. The identification of the name of the application server
- C. **The expected transaction response time**
- D. The number of Load Generators to be used

<<<<<< ===== >>>>>>

Q. 120: Which goal is an example of a high level goal?

- A. Error rate may not be higher than 10% of all transactions.
- B. **Update transaction must work in peak time.**
- C. 500 users must be able to log in at the same time.
- D. The Search transaction may not take longer than 3 seconds.

Q. 121: Which default port is used for the communication between MI Listener and Monitoring Agent?

- A. **443**
- B. 1521
- C. 8080
- D. 50500

<<<<<< ===== >>>>>>

Q. 122: Which HP LoadRunner application or component is used to upload the license?

- A. Controller
- B. Analysis
- C. Virtual User Generator
- D. **Launcher**

<<<<<< ===== >>>>>>

Q. 123: Which tool is used to manage and maintain a scenario?

- A. VuGen
- B. Analysis
- C. **Controller**
- D. Load Generator

- E. Virtual User Generator
- F. Launcher

<<<<<< ===== >>>>>>

Q. 124: The HP Load Runner Controller can be connected and configured to collect monitoring data from which product?

- A. **BPM**
- B. SiteScope
- C. Asset Manager
- D. PPM

<<<<<< ===== >>>>>>

Q. 125: Why is it important to know how the application under test is being used?

- A. To determine if an automated test is possible
- B. To define the sizing of the application server
- C. To define the number of load tests according to the usage
- D. **To test real-world conditions as closely as possible**

<<<<<< ===== >>>>>>

Q. 126: Which monitoring application can you configure in HP LoadRunner to observe backend activity during a load test?

- A. HP Real User Monitor
- B. HP Performance Insight
- C. **HP SiteScope**
- D. HP OpenView

<<<<<< ===== >>>>>>

Q. 127: Which statement is true about the planning of HP LoadRunner transactions and Pass/Fail test outcomes?

- A. Transactions do not influence the test result.
- B. **When planning the transaction, the preferred response time should be defined.**
- C. The transactions are not part of the planning process.
- D. Preferred response time only contains one user step, while a transaction can contain several.

<<<<<< ===== >>>>>>

Q. 128: Why should you use different input data during a load test?

- A. **To avoid caching and using different data as a real user would do**
- B. To maintain several versions of the same script when using parameterization
- C. To avoid script errors when running in several iterations
- D. To reduce correlation problems

<<<<< ===== >>>>>

Q. 129: Which technique helps to identify bottlenecks?

- A. **Mapping business processes to infrastructure**
- B. Knowing the number of components of the application
- C. Using only automatic transactions
- D. Using dynamic input data errors when running in several iterations D. to reduce correlation problems

<<<<< ===== >>>>>

Q. 130: You want to allow only 50 Vusers to initialize at one time. Where do you define this value?

- A. Script Preferences
- B. **Script Run-time Settings**
- C. Scenario Run-time Settings
- D. Load Generator dialog box

Q. 131: Which HP LoadRunner component is used for scripting?

- A. Controller
- B. Analysis
- C. **Virtual User Generator**
- D. Load Generator

<<<<< ===== >>>>>

Q. 132: How many Controllers can simultaneously connect to a Load Generator?

- A. **Only one**
- B. Only two
- C. There is no restriction.
- D. Up to three

<<<<< ===== >>>>>

Q. 133: What is the essential HP LoadRunner component critical to performance test execution, required for a performance test to be carried out?

- A. VuGen
- B. **Controller**
- C. Analysis
- D. Monitor Over Firewall
- E. SiteScope
- F. Diagnostic Probe
- G. QuickTest Professional time should be defined.

<<<<< ===== >>>>>

Q. 134: On which platform can the Controller be installed?

- A. UNIX
- B. Linux
- C. **Windows**
- D. Sun Solaris

<<<<<< ===== >>>>>>

Q. 135: Which Operating System setting must be disabled for installing a Load Generator?

- A. **Hyper-threading**
- B. Multi language support
- C. Virtual memory
- D. Additional network interface

<<<<<< ===== >>>>>>

Q. 136: Where can the Standalone Analysis installation be obtained?

- A. From the support page
- B. **From the Additional Components folder of the installation media**
- C. From a separate CD
- D. From an HP sales representative

<<<<<< ===== >>>>>>

Q. 137: During a Top Time Transaction run, what is the recommended load percentage?

- A. **20%**
- B. 35%
- C. 50%
- D. 100%

<<<<<< ===== >>>>>>

Q. 138: Which scenario type allows you to add, start, and stop Vusers during a scenario run?

- A. **Manual**
- B. Real-Life
- C. User-Defined
- D. Goal-Oriented

<<<<<< ===== >>>>>>

Q. 139: You are analyzing the results for a Debug run and realize that response times are better than SLAB. What should you do?

- A. Re-run the scenario to validate the transaction response times.
- B. Prepare for overload/scalability testing because the application is ready for additional users.
- C. **Ignore the transaction response times because they are meaningless in a Debug run.**
- D. Inform the project manager that additional performance tests are not necessary.

<<<<< ===== >>>>>

Q. 140: In the Run-time Settings, where can you set your script to run 10 iterations?

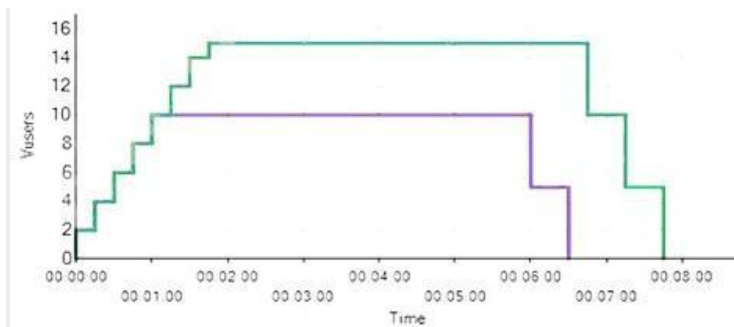
- A. General: Pacing
- B. **General: Run Logic**
- C. Network: Speed Simulation
- D. Data Format Extension: Configuration
- E. General: Run Iterations

Q. 141: Which goals can you set for a goal-oriented scenario? (Select two.)

- A. **Hits / second**
- B. Maximum Errors /second
- C. Maximum Failed Transactions / second
- D. **Simultaneous Vusers**
- E. Maximum CPU Usage / target machine (which will be monitored)

<<<<< ===== >>>>>

Q. 142: Click the Exhibit Button



- A. The scenario is scheduled by scenario, consisting of two groups: one group with 10 Vusers, the other group with 15 Vusers. The duration action is set for 5 minutes.
- B. The scenario is scheduled by group, consisting of two groups: one group with 10 Vusers, the other group with 15 Vusers. Each group has the ramp up set to 1 Vuser every 5 seconds.
- C. **The scenario is scheduled by group, consisting of two groups: one group with 10 Vusers, the other group with 15 Vusers. Each group has the duration action scheduled for 5 minutes.**
- D. The scenario is scheduled by scenario, consisting of one group. The ramp up is set to 2 Vusers every 20 seconds. Duration is set to 5 minutes, and ramp down is set to 5 Vusers every 30 seconds.

<<<<< ===== >>>>>

Q. 143: When scheduling a scenario, which run modes are available in the Controller? (Select two.)

- A. Scenario
- B. Global Schedule
- C. **Real-World Schedule**
- D. **Basic Schedule**
- E. Group
- F. Duration

<<<<<< ===== >>>>>>

Q. 144: Which measure can be evaluated in SLA Analysis on a single SLA status for the whole scenario run?

- A. Total Transactions per Second
- B. Errors per Second
- C. Transactions Failed per run
- D. **Average Hits (hits/second) per run**

<<<<<< ===== >>>>>>

Q. 145: Which measure can be evaluated in SLA Analysis on SLA statuses determined at time intervals over a timeline?

- A. Network Bytes Sent per Run
- B. Transactions Completed per Run
- C. Average Throughput (bytes/second) per Run
- D. **Average Transaction Response Time**

<<<<<< ===== >>>>>>

Q. 146: What is the recommended transaction monitoring frequency for large scenarios?

- A. 3
- B. 10
- C. **15**
- D. 30

<<<<<< ===== >>>>>>

Q. 147: Which Online Monitors are System Resource Monitors? (Select two.)

- A. **SNMP**
- B. **SiteScope**
- C. Running Virtual Users
- D. SSL per Second
- E. Microsoft 115

<<<<<< ===== >>>>>>

Q. 148: When might it be useful to connect HP Diagnostics to a test run? (Select two.)

- A. **When the test goal is ensuring non-regression since latest application deployment**
- B. When the test goal is diagnosing network bottlenecks under heavy load
- C. When the test goal is related to backend performance
- D. **When the test goal is tuning target Java or Net application**
- E. When the test goal is ensuring target machine CPUs can sustain heavy load

<<<<<< ===== >>>>>>

Q. 149: Where do you define the value to be used for a random sequence seed?

- A. Scenario Scheduler
- B. Script Preferences
- C. **Scenario Run-time Settings**
- D. Script Run-time Settings

<<<<<< ===== >>>>>>

Q. 150: When you run a scenario, the default location of the files is in the temporary directory specified by the Load Generators environment variables (on Windows, TEMP or TMP). Where are the temporary files stored?

- A. Locally, in the Controller's pre collate subfolder
- B. On a shared network
- C. **Locally, on each Load Generator, in a temporary directory**
- D. Locally, on each Load Generator, in the /runtimedata folder

Q. 151: What is the correct way to simulate packet loss during a load test?

- A. Create a VuGen script that randomly generates failed transactions
- B. Insert high variable think times into VuGen scripts
- C. Set the proper percentage of packet loss in Run-time Settings: Network: Speed Simulation
- D. **Use WAN Emulation software on Load Generators**

<<<<<< ===== >>>>>>

Q. 152: When should you use the IP Spoofer solution?

- A. When generating a very high load
- B. **When emulating server or router optimizations, based on a client's IP**
- C. When using more than Load Generator hosts
- D. When anonymizing your Load Generator during the test

<<<<<< ===== >>>>>>

Q. 153: Which best practice should you implement while preparing a scenario to run?

- A. Enable Auto Load Analysis
- B. **Specify Scenario Run-time Settings**

- C. Close the Controller
- D. Place all virtual users in the same group

<<<<<< ===== >>>>>>

Q. 154: What causes the running scenario to end? (Select two.)

- A. **The user manually terminates it.**
- B. One Vuser fails.
- C. **The scheduled duration of the scenario expires.**
- D. A Load Generator disconnects from the Controller.
- E. One or more servers in the tested environment go off line.

<<<<<< ===== >>>>>>

Q. 155: What is a valid status for a Vuser during a scenario execution?

- A. Started
- B. Ended
- C. Working
- D. **Passed**

<<<<<< ===== >>>>>>

Q. 156: Which professionals are most needed during a typical full load test run? (Select two.)

- A. **Network administrator**
- B. **Backend administrator**
- C. VuGen script developer
- D. Application developer
- E. System integrator

<<<<<< ===== >>>>>>

Q. 157: Which step comes after scenario execution in the load testing process?

- A. **Analyze Results**
- B. **Rerun the Scenario**
- C. **Record the Process**
- D. **Fine Tune the System run?**

(Select two.)

- A. Network administrator
- B. Backend administrator
- C. VuGen script developer
- D. **Application developer**
- E. **System integrator**

<<<<<< ===== >>>>>>

Q. 158: You are running a load test to simulate a call center. The representatives log in to the application in the morning, perform their business processes throughout the day, and log out before leaving at the end of the day. You notice that the login transaction is failing for some users and none of the users have started their business processes. Which configuration is most likely defined for your scenario?

A. The login business process is in the vuser_init section, and the Vusers are defined to initialize all Vusers before running.

B. The login business process is in the vuser_init section, and the Vusers are defined to initialize one Vuser every 10 seconds.

C. The login business process is in the login action section, and the Vusers are defined to initialize all Vusers before running.

D. The login business process is in the login action section, and the Vusers are defined to initialize one Vuser every 10 seconds.

<<<<<< ===== >>>>>>

Q. 159: Statistically, an Advanced User pauses an average of 5 seconds between clicks, while a First-time User pauses an average of 10 seconds. Your script was recorded with think times set to simulate Advanced Users load. How can you adapt it, without modifying the script, in order to emulate First-time Users load?

A. Set Run-time Settings: Think Time to multiply recorded think time by 4.

B. Set Run-time Settings: Think Time to a random percentage between 150% - 250%.

C. Set Run-time Settings: Think Time to replay as recorded, but limit the think time to 10 seconds.

D. Divide by 2 the maximum number of Vusers set in the Scheduler.

<<<<<< ===== >>>>>>

Q. 160: What should be your objective in a Debug run?

A. To debug the script's logical and syntactic errors

B. To find out the critical business process to stress in the full load test

C. To verify parameterized data under concurrent usage

D. To verify the script's Run-time Settings in a concurrent environment

Q. 161: What does running a top time transaction test allow you to do?

A. Find out poor performing transactions regardless of load

B. Leverage the proper think time settings to balance slowest and fastest transactions

C. Point out scalability issues

D. Re-define full load test goals according to measured performances

<<<<<< ===== >>>>>>

Q. 162: If you are running a full load test, when should you look for possible bottlenecks?

- A. When Vuser ramp up ends and the load is at its peak
- B. When an application server crashes
- C. **When Vusers are increasing and transaction response time is increasing**
- D. When Vusers are ramping up and the average response time of passed transactions is stable

<<<<<< ===== >>>>>>

Q. 163: Which test run is more likely to profit from Run-time Settings being configured to General: Log > Always Send Messages > Extended Log > Parameter Substitution?

- A. Full load test
- B. Top time test
- C. **Debug test**
- D. Scalability test

<<<<<< ===== >>>>>>

Q. 164: What is the main purpose of Online Test Monitoring?

- A. Detection and removal of bottlenecks as they occur real time
- B. To verify correct implementation of scenario schedules
- C. **Early detection of any problems that could invalidate the test results, helping you take the correct action**
- D. To dynamically remove Vusers if target architecture is suffering under load

<<<<<< ===== >>>>>>

Q. 165: While you are running a scenario, what can you do?

- A. Start single Vusers, provided you do not exceed the scenario configurations.
- B. Initialize distinct Vusers and only stop the whole group.
- C. Initialize, run, and stop Vuser groups, but not single Vusers.
- D. **Initialize and run additional Vusers, and stop currently running Vusers.**

<<<<<< ===== >>>>>>

Q. 166: While you are running a scenario, what can you use the "Show Vuser Log" menu option to do?

- A. To **view run-time information about each running Vuser**
- B. To view run-time information about each running Vuser group
- C. To reconfigure on-the-fly Logging Run-time Settings for each Vuser group, which will start from the next iteration
- D. To reconfigure Logging Run-time Settings for each Vuser group, which will be effective immediately

<<<<<< ===== >>>>>>

Q. 167: Where are the virtual user or transaction results stored during the run of a scenario?

- A. Controller
- B. Utility Server

- C. Analysis
- D. **Load Generator**

<<<<< ===== >>>>>

Q. 168: From which components does the Collate Results function collate run data? (Select two.)

- A. **Load Generator**
- B. Controller
- C. **Diagnostics mediators**
- D. Analysis
- E. Virtual User Generator

<<<<< ===== >>>>>

Q. 169: During analysis of a scenario, you realize that the throughput becomes flat as Vusers continue to increase. What is the likely cause?

- A. The Controller is missing data.
- B. Schedule of the scenario is incorrect.
- C. One or more Load Generators failed.
- D. **A bottleneck is reached.**

<<<<< ===== >>>>>

Q. 170: Which feature provides the capability to generate fast reports for similar scenario runs?

- A. HTML Reports
- B. **Report Templates**
- C. SAP Diagnostics
- D. Auto Correlate

Q. 171: What are available Diagnostics graphs? (Select two.)

- A. **Siebel**
- B. Firewall
- C. Running Vuser
- D. SiteScope
- E. **J2EE &.NET**

<<<<< ===== >>>>>

Q. 172: Which Analysis graph shows the number of transactions against transaction response times?

- A. Average Transaction Response Time
- B. Transactions per Second
- C. Transaction Response Time Under Load
- D. **Transaction Response Time (distribution)**

<<<<< ===== >>>>>

Q. 173: Which Analysis graph identifies web pages that take the most time; isolates where time is spent; and helps in identifying DNS resolution, SSL, and connection issues?

- A. Network Delay Time
- B. Windows Resource
- C. Time to First Buffer Breakdown
- D. **Page Download Time Breakdown**

<<<<<< ===== >>>>>>

Q. 174: Which option in the Analysis tool allows you to focus on a specific measurement within your graph? (Select two.)

- A. **Apply Filter**
- B. Merge Graphs
- C. Auto Correlate
- D. Select Measure
- E. **Drill Down**

<<<<<< ===== >>>>>>

Q. 175: What is the purpose of the Auto Correlate function?

- A. To merge results from two load test scenarios
- B. To autodiscover and document all bottlenecks detected during a performance test
- C. **To detect similar trends among measurements by correlating a measurement in one graph with measurements in other graphs**
- D. To autogenerate reports correlated to a recipient's level of knowledge

<<<<<< ===== >>>>>>

Q. 176: Which filtering condition will be used to highlight only failed transactions in Analysis graphs?

- A. **Transaction end status**
- B. Host name
- C. Transaction name
- D. Error type

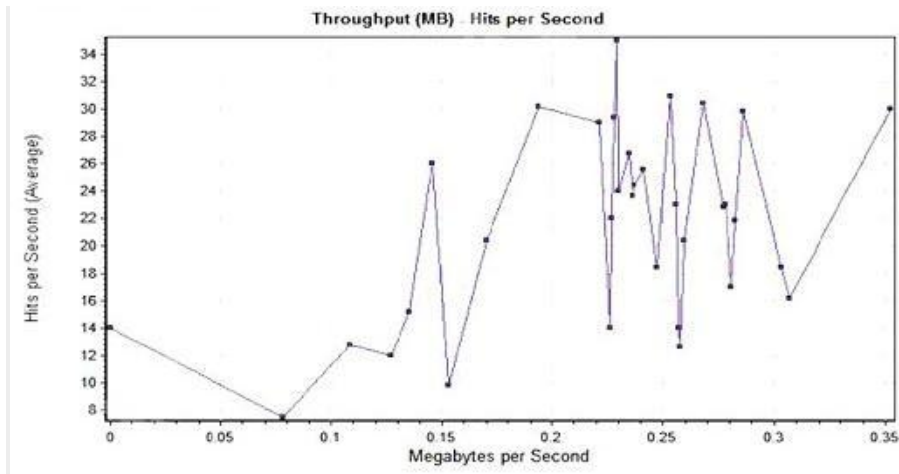
<<<<<< ===== >>>>>>

Q. 177: Which Merged graphs are provided by Analysis? (Select three.)

- A. **Overlay**
- B. Cross scenario
- C. **Correlate**
- D. **Tile**
- E. Response Time Under Load F. SLA analysis

<<<<<< ===== >>>>>>

Q. 178: Click the Exhibit Button

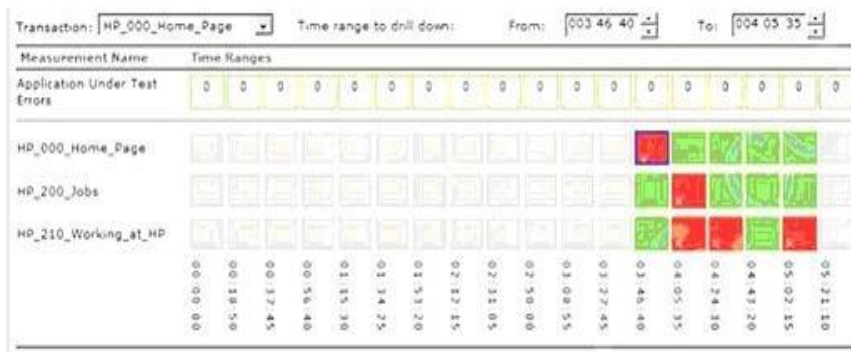


Which Merge graphs Function was used to create the graph shown in the exhibit?

- A. Corelate
- B. Tile
- C. Overlay
- D. Cross Scenario

<<<<<< ===== >>>>>>

Q. 179: Click the Exhibit Button



What does the image shown in the exhibit represent?

- A. Service Level Agreement
- B. Transaction Performance Summary
- C. Transaction Response Time (Distribution)
- D. Auto Corelation

<<<<<< ===== >>>>>>

Q. 180: Which Analysis feature under Options is useful to limit the analysis to only a portion of the entire load test duration?

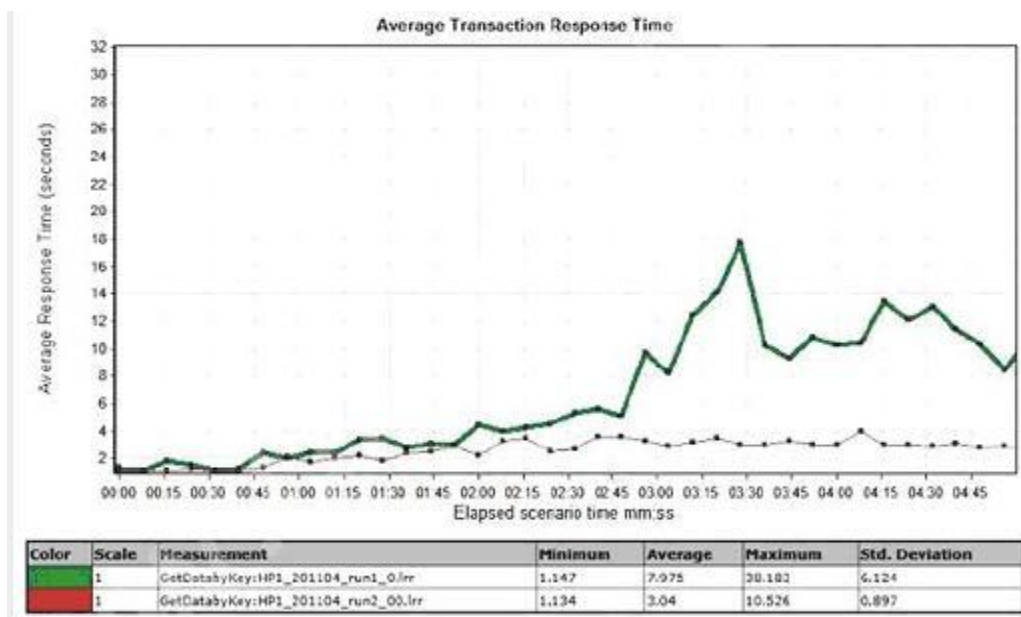
- A. General: Date format
- B. Analyze Transaction Settings: Errors
- C. **Result Collection: Data Time Range**
- D. Result Collection: Data Aggregation

Q. 181: When is it suitable to use the Cross with Results function?

- A. To discover the slowest transaction in a business process
- B. **To test improvement of a new version of software**
- C. To quantify the maximum number of concurrent users a system can sustain
- D. To cross metrics from different graphs in the same graph

<<<<< ===== >>>>>

Q. 182: Click the Exhibit Button



Which Analysis function was used to create the graph shown in the exhibit?

- A. **Cross-scenario Results**
 - B. Merge graph
 - C. Auto Correlate
 - D. Overlay
1. Setting for not generating the lr_think_time statements in the VUser script?
 - o Runtime settings – Ignore think time
 - o Uncheck 'Generate fixed think time after end transaction'
 - o **Uncheck 'Generate think time after threshold'**
 - o Not possible
 2. Web_submit_data is visible in which mode of recording?
 - o Web Services

- Web – HTML Mode
 - Web – URL Mode
 - **Both b & c**
3. Delay between iterations can be introduced by
- giving the 'pause' statements
 - Runtime settings: Think time
 - **Runtime settings: Pacing**
 - Cannot be given
4. The objective of pacing is
- To extend the test time
 - To relax the web server
 - **To conduct realistic test**
5. Session ID', which is hidden parameter is displayed in which form of recording
- URL Recording
 - HTML recording
 - None of the above
 - **Both of the above**
6. Which of the following is not the debugging tools
- Run-Time Viewer
 - Replay log
 - Test Results window
 - **Analysis Summary**
7. 'run-time' settings are stored in the file:
- xxx.usr
 - **default.cfg**
 - action.cci
 - xxx.lrs
8. 'Define each step as transaction' configures automatically
- **all web_*** statements in script as transaction**
 - all lr_*** statements as a transaction
 - only web_submit_data as transactions
 - none of the above
9. Why is transaction important to add for each step in business process
- To improve readability
 - To understand business process
 - **To measure response time**
 - None of the above
10. User/Password parameterization in VUGen is an example of
- **Data dependency**
 - Unique constraint
 - Data Caching
 - None of the above
11. 'Simulate parameter' option is available for the parameter type
- **File**
 - Iteration number
 - Random number
 - Date/Time

12. Why is verification important in LoadRunner script
- **To ensure the responded page is correct**
 - To know the server generated values
 - It is not important since it adds more load on web server
 - None of the above
13. For verifying the page responded from server, web_reg_find
- **should be placed before the action**
 - should be placed after the action
 - should be registered at the start of script
 - none of the above
14. Mention the properties listed in the Block's properties (select two)
- Iterations
 - % of Block weightage
 - Run Logic
 - Properties
15. Weightage is available in
- Sequential mode of parameterization
 - Unique mode of parameterization
 - Block's random mode of run logic
 - Block's sequential mode of run logic
16. 'LAST' in loadrunner functions indicate
- end of the script
 - end of the function
 - no more statements
 - **no more attributes**
17. 'ORD' is used in which loadrunner function
- web_image_check
 - web_reg_find
 - web_find
 - **web_reg_save_param**
18. s = "World";
lr_output_message ("%s", strcat("Hello", s));
The result is
- "Hello World"
 - **HelloWorld**
 - Hello World
 - Hello
19. To run more users in a machine, which setting should be configured?
- Run VUser as process
 - Run VUser as single
 - **Run VUser as thread**
 - Run VUser as hyper-thread
20. To avoid data caching problems in performance testing, what should be done
- Correlation
 - Run VUser as thread
 - Parameterization
 - **check 'Simulate user for every iteration'**
21. To select last row in the parameter file, which of the following should be done
- check 'Select until last row'
 - give a new line character at the end of file
 - do not give new line character at the end of file

- no extra configuration needs to be done
- 22. 'itoa' function is used to
 - convert string to integer
 - convert integer to long
 - **convert integer to string**
 - convert lower case to upper case
- 23. To move to next record in the parameter file, use the following function
 - lr_param_increment
 - lr_move_one_param
 - **lr_advance_param**
 - lr_next_row
- 24. which function should be used to copy a string to parameter
 - lr_eval_string
 - lr_save_var
 - **lr_save_string**
 - lr_eval_string_ext
- 25. In the script, transaction function can be put
 - Before the rendezvous point
 - Immediately after the rendezvous point
 - **before the action section**
 - After the action section
- 26. As soon as the test results are collected, this step is done
 - Increase the hardware
 - Convey to Project manager about the results
 - **Discuss with Subject Matter experts**
- 27. This is used to collect metrics from different tiers of the application
 - **monitors**
 - transaction
 - concurrency level
 - load generator
- 28. 'Use random sequence seed' can be configured in
 - VUGen Runtime settings
 - Scenario Runtime settings
 - Scenario builder
 - Load Generator settings
- 29. What is the recommended monitoring data frequency for small scenarios (in secs)
 - 1
 - **5**
 - 10
 - 15
- 30. What is the recommended monitoring data frequency for larger scenarios (in secs)
 - 1
 - 5
 - 10
 - **15**
- 31. Which is not part of a Scenario
 - Runtime Settings
 - Load Generators
 - **Load Controller**
 - Virtual Users
- 32. This mode of conducting the load test automatically controls the number of VUsers

- executing Load Test
 - Schedule by Group
 - Schedule by Scenario
 - Manual Scenario
 - **Goal-Oriented Scenario**
33. VUser Quota can be mentioned in
- VUGen Runtime settings
 - Scenario Scheduler
 - Scenario Run-time settings
 - Script Details
34. Performance monitor data is saved in
- VUGen
 - Load Generator
 - **Controller**
 - Analysis
35. Before the VUsers get 'Ready', they should be
- Warmed-up
 - **Initialized**
 - Started
36. Web server crash is indicated through this following HTTP Error Code
- 200
 - 400
 - 403
 - **500**
37. Number of iterations should be configured in which Load test
- Schedule by Group
 - Schedule by Scenario
 - **Real-life schedule**
 - **Run until complete**
38. Clicking Pause button in Interactive Schedule Graph
- **pauses the Vusers**
 - pauses the indicator in the graph
 - aborts the test
 - introduces think time
39. Which feature in analysis is used to display a specific measurement of transaction
- Merge Graph
 - Correlation
 - **Filters**
 - Drill down
40. What formats of Reports are available from LoadRunner Analysis
- PDF format
 - Word format
 - RTF format
 - **HTML format**
 - All of the above
41. Which option can be used to simulate multiple users to perform task at same time?
- web_concurrent_start
 - Transaction
 - **Rendezvous**
 - pause

42. Load generator must have access to (select two)
- ☐ Controller
 - ☐ **AUT (application under test)**
 - ☐ Analysis tool
 - ☐ VUGen
43. After the scenario execution, results will be present in
- ☐ Load generator machine
 - ☐ **Controller machine**
 - ☐ Application server
 - ☐ Database server
44. If Tester B wanted to use the same correlation as Tester A, what should he/she do?
- ☐ Write the same correlation again
 - ☐ Save template and share the same
 - ☐ import the correlation file and use
45. What is the common function used to display messages in the Replay Log?
- ☐ lr_eval_string
 - ☐ lr_save_string
 - ☐ lr_debug_level
 - ☐ lr_output_message
46. What is the procedure to change the x-axis in the analysis graph?
- ☐ **Granularity**
 - ☐ Drilldown
 - ☐ Filter
 - ☐ Transaction axes path
47. What are type of scenarios are available?
- ☐ **Manual**
 - ☐ **Goal oriented**
 - ☐ Predefine
 - ☐ Automatic
 - ☐ User define
 - ☐ (Select any two from the list)
48. How do you find out the network delay between source and destination?
- ☐ Network delay graph
 - ☐ Time to first buffer
 - ☐ Page breakdown
 - ☐ Windows resource graph
49. What is the first stage of Load testing process?
- ☐ **Plan the load test**
 - ☐ Create the scenarios
 - ☐ Execute the scenario
 - ☐ Create VUGen script
 - ☐
50. What is the first indication of Performance problem?
- ☐ The network delay time is above 15ms.
 - ☐ The DNS is not resolving the machine name.
 - ☐ Web server available memory drops below 1 GB.
 - ☐ **The end user experiences higher than expected response time.**
51. What are the main types of service level agreements available in controller and Analysis? (Select two)
- ☐ Per time interval

- Errors per second
- Over the whole run
- Average hits per second
- Average throughput per run.
- Average transaction response time.

52. What is the language in which VUser script is written?

- **Ansi-C**
- VB
- Java
- Turbo-C

53. HTML mode of recording involves the submission at

- form-level
- browser-level
- application server-level
- database server-level

54. Parameterized script shows improved performance of the application

- True
- False
- does not have relevance

55. To view the parameter substitution in the Output Window,

- Enable standard logging
- logging need not be enabled
- extended log should be enabled
- **'Send only when error occurs' should be enabled**

56. Inserting the 'text check' can be done through

- Floating toolbar
- Only in Tree View
- Manual authoring
- a & b
- All the above

57. which function is used to exit the vuser from scenario

- lr_exit
- lr_exit_vuser
- lr_function_exit
- lr_action_exit

58. The value that can change as the action executes is called as

- variable
- constant
- parameter
- **dynamic parameter**

59. . 'ORD' is used in which loadrunner function

- web_image_check
- web_reg_find
- web_find
- **web_reg_save_param**

60. The next step after the Test Execution is

- Enhance Test scripts
- **Analyze Test Results**
- Fine-tune the System
- Test Preparation

Fill In The Blanks

1. ----- allows to view the results of two graphs from the same load test scenario into a single graph – **Merge Graphs**
2. ----- scenario makes you to start/stop, Add/remove users pause during Execution- **Manual**
3. ----- Type of performance testing that will simulate real –world load - **Load Testing**
4. ----- component in loadrunner tool can be installed in UNIX environment- **Load Generator**
5. ----- is the option in Analysis tool that allows you to compare a measurement in a graph with other measurements during a specific time range of a scenario and view Similar trends - **Auto correlate**
6. ----- is the performance measurement which measures end to end measurement of time elapse for an action or steps – **Transaction**
7. ----- is the LoadRunner term used to define a collection of Vusers Within a scenario- **Group**.
8. ----- is used to determine capacity before more resources are needed for future growth- **Scalability Test**
9. ----- is the function used to join two strings - **Strcat**
10. ----- runtime setting is common to all protocols-**General**
11. ----- is the extension of the file that is opened by VUGen -.usr
12. web_submit_form is generated in ----- recording mode-**Html**
13. web_submit_data is generated in----- recording mode-**url**
14. Vuser Script is written in ----- language- **ANSI C**
15. ----- symbol is used for commenting single line-**//**
16. ----- is the debug tool that gives summary of success or failure of the playback of the script-**Test Results window**
17. ----- functions sends error message to log file , replay log and Controller - **lr_error_message**
18. ----- function used for check points-**Web_reg_find**
19. ----- named entity which represents same value and cannot be Changed-**Constant**

1. What is the LoadRunner term that describes the time a user pauses between steps?
 - A. Pacing
 - B. User Delay
 - C. **Think time**
 - D. Navigation time
2. What is the first stage of load testing process?
 - A. **Plan the load test**
 - B. Create the scenario
 - C. Execute the scenario
 - D. Create VuGen scripts
3. Which file type has an extension .lrr?
 - A. Script
 - B. **Results**
 - C. Analysis
 - D. Scenario
4. Which LoadRunner component runs the vuser that generates the load?
 - A. VuGen
 - B. Analysis
 - C. Controller
 - D. **Load Generator / Host**
5. Which statement is an example of a conceptual goal?
 - A. **The application's update function should still work under heavy load**
 - B. The update transaction must attain 200 concurrent users during peak time
 - C. The search transaction should respond within 5 seconds during normal usage
 - D. The login transaction should respond within 4 seconds or less during heavy usage
6. Which term defines the end-to-end measurement of time when one or more steps are completed?
 - A. **Transaction**
 - B. Action section
 - C. Business Process
 - D. Business Verification
7. What is the first indication of a performance problem?
 - A. The network delay time is above 15ms
 - B. The DNS is not resolving the machine name
 - C. The Web server's available memory drops below 1 GB
 - D. **The end user experiences higher than expected response time**
8. Which file defines the Vusers to execute, the number of Vusers to run, the goals of the test, the computer that hosts the Vusers, and the conditions under which to run the load test?
 - A. Script
 - B. Group
 - C. Session
 - D. **Scenario**
9. Which performance test objective is met when determining the cause of performance degradation?
 - A. Reliability
 - B. Regression
 - C. Acceptance
 - D. Capacity planning
 - E. Product evaluation
 - F. **Bottleneck identification**
10. What are advantages of using automated load tests over manual load tests? (Select three.)

- A. **Repeatability**
- B. **Easier to scale**
- C. Improved validity
- D. Increased hardware resources
- E. **Simplicity of gathering analysis data**

11. Which tool is used to manage and maintain a scenario?

- A. VuGen
- B. Analysis
- C. **Controller**
- D. Load generator

12. Which Analysis graph details transaction response times throughout the test?

- A. Transactions per Second
- B. **Average Transaction Response Time**
- C. Transaction Response Time Under Load
- D. Transaction Response Time (distribution)

13. Which types of reports can be automatically generated in the Analysis tool? (Select two.)

- A. **HTML**
- B. MS Excel
- C. **MS Word**
- D. Adobe PDF
- E. Crystal Report
- F. Rich Text Format

14. Which option in the Analysis tool allows you to focus on a specific measurement within your graph?

- A. **Drill Down**
- B. Apply Filter
- C. Merge Graphs
- D. Auto Correlate

15. During the run of a scenario, which LoadRunner component stores the performance monitoring data?

- A. Analysis
- B. **Controller**
- C. File server
- D. Load generator / Host

16. Which scenario execution run is used to verify the load limit before more resources are required?

- A. Debug
- B. Full Load
- C. Top Time
- D. **Scalability**

17. Where in the Run-time settings can you define to only send messages when an error occurs?

- A. **General: Log**
- B. General: Run Logic
- C. General: Miscellaneous
- D. General: Additional Attributes

18. Which scenario execution run allows you to verify the system performs as expected under load?

- A. Debug
- B. **Full Load**
- C. Top Time
- D. Scalability

19. Where you specify to iterate a script 10 times, which sections of the script are iterated?

- A. Group
- B. **Action**
- C. Vuser_init
- D. Vuser_end

20. Where are the results stored during the run of a scenario?

- A. Analysis
- B. **Controller**

- C. Utility server
- D. **Load generator**

21. How can you validate that the LoadRunner Agent is running on the load generator?

- A. Port 443 will be open
- B. The MIFW.exe process will be running
- C. **The radar dish will appear in the system tray**
- D. The load generator will be pinged using the name/DNS/IP

22. You want to control the delay between iterations. Where do you set this in the Run-time settings?

- A. **General: Pacing**
- B. General: Think Time
- C. Network: Speed Simulation
- D. Browser: Browser Emulation

23. Which HTTP error code indicates that an individual business process is failing under load or the web application itself has crashed?

- A. 200
- B. 403
- C. 401
- D. **500**

24. What is an intersection point in a business process?

- A. Scenario
- B. **Rendezvous**
- C. Transaction
- D. Service level agreement

25. Which Run-time settings node is available to all protocols?

- A. **General**
- B. Browser
- C. Network
- D. Internet Protocol

26. Where in the Runtime settings would you set your script to run 10 iterations?

- A. **General: Run Logic**
- B. General: Miscellaneous
- C. Browser: Browser Emulation
- D. Internet Protocol: Preferences

27. While running a script in the Controller you notice a scripting error. While the scenario is still open, you return to VuGen, make the coding modification & save the script. What do you need to do before running the scenario again?

- A. Save the scenario
- B. **Refresh the script in the Controller**
- C. Refresh the Run-time settings in the Controller
- D. Do nothing. The script will automatically refresh

28. Which term refers to a set of actions or user steps performed within an application to accomplish a business goal?

- A. Transaction
- B. Vuser script
- C. **Business process**
- D. Business verification

29. What is the appropriate scenario outline if your quantitative goal is to attain 2,500 concurrent users for the Update transaction during peak time?

- A. Load test should achieve 2,500 users only
- B. Script should define the Update transaction only
- C. Script should define the Update transaction, and the load test should achieve 2,500 users
- D. **Script should define the Update transaction, and the load test should achieve 2,500 concurrent users**

30. Which tool is used to emulate the steps of real users?

- A. **VuGen**
- B. Analysis

- C. MI Listener
- D. Load generator

31. What allows you to gather performance metrics for a variety of major backend system components including firewalls, application servers, and database servers?

- A. Monitors
- B. Scenarios
- C. Transactions
- D. Service level agreement

32. What is the LoadRunner term for varying values defined in a placeholder that replaces the hard-coded values?

- A. Variable
- B. Constant
- C. Parameter
- D. Correlation

33. Which performance test finds the behavior and performance of each tier?

- A. Load test
- B. Volume test
- C. Scalability test
- D. Component test

34. Which LoadRunner tool captures the communication between the browser and web server?

- A. VuGen
- B. Analysis
- C. Controller
- D. Load generator

35. View the Business Process Profile table for the e-commerce site shown in the exhibit. Which business processes are the most critical to record? (Select Two)

Business Process Name	Typical Day	Peak Day	Dynamic Content	Mission Critical
Sign in	70 / hr	200 / hr	Light	Moderate
View sale items	350 / hr	820 / hr	Moderate	Moderate
View outlet items	40 / hr	60 / hr	Moderate	Low
Contact us	10 / hr	15 / hr	Light	Low
Checkout	120 / hr	275 / hr	Heavy	Heavy

- A. Sign in
- B. Checkout
- C. Contact Us
- D. View sale items
- E. View outlet items

36. The exhibit shows a table with the desired number of business processes. Which percentage would be allocated to each business process in order to execute that business process the desired number of times?

Business Process	Goal Number of Business Processes Per Hour
View Children Clothing Item	200
View Men Clothing Item	100
View Women Clothing Item	200
View Household Item	400
View Shoes	100

- A. View Children Clothing Item - 20%; View Men Clothing Item - 15%; View Women Clothing Item - 20%; View Household Item - 30%; View Shoes - 15%

- B. View Children Clothing Item - 2%; View Men Clothing Item -1%; View Women Clothing Item - 2%; View Household Item - 4%; View Shoes – 1%
- C. **View Children Clothing Item - 20%; View Men Clothing Item - 10%; View Women Clothing Item - 20%; View Household item – 40%; View Shoes – 10%**
- D. View Children Clothing Item - 0.2%; View Men Clothing Item - 0.1%; View Women Clothing Item - 0.2%; View Household Item - 0.4%; View Shoes – 0.1%

37. Which step comes after scenario execution in the load testing process?

- A. **Analyze Results**
- B. Rerun the Scenario
- C. Record the Process
- D. Fine Tune the System

38. Which LoadRunner component is supported on UNIX?

- A. VuGen
- B. Analysis
- C. Controller
- D. **Load generator**

39. Which option in the Analysis tool allows you to compare a measurement in a graph with other measurements during a specific time range of a scenario and view similar trends?

- A. Drill Down
- B. Apply Filter
- C. Merge Graphs
- D. **Auto Correlate**

40. Which Analysis graph details transaction response times as a function of load?

- A. Transactions per Second
- B. Average Transaction Response Time
- C. **Transaction Response Time Under Load**
- D. Transaction Response Time (distribution)

41. In the Analysis tool, what allows you to modify the scale of the x-axis?

- A. Think time
- B. **Granularity**
- C. Event type
- D. Transaction hierarchical path

42. What does the elapsed time in the Scenario Status window refer to?

- A. The time that has elapsed from when all Vusers have finished Initializing
- B. The time that has elapsed from when all Vusers were in the running state
- C. **The time that has elapsed from when you press the start Scenario button**
- D. The time that has elapsed from when the first Vusers entered the running state

43. Which scenario type allows you to add, start, and stop Vusers during a scenario run?

- A. **Manual**
- B. Session
- C. Real Life
- D. Automated
- E. User-Defined
- F. Goal-Oriented

44. On which platform can the Controller be installed?

- A. UNIX
- B. Linux
- C. **Windows**
- D. Sun Solaris

45. You are testing an employee time entry system. The project manager has provided you with only 8 weeks to simulate users entering time. Which scenario run mode would you use to ensure that no more than 8 iterations occur?

- A. Group
- B. Scenario
- C. Duration
- D. **Global Schedule**

- E. Real-Life Schedule
- F. **Run until Complete**

46. You want to control the amount of delay that a Vuser pauses between executing steps. Where do you set this in the Run-time settings?

- A. General: Pacing
- B. **General: Think Time**
- C. Network: Speed Simulation
- D. Browser: Browser Emulation

47. When creating a new scenario, which types of scenarios can be defined? (Select two)

- A. **Manual**
- B. Session
- C. Real-Life
- D. Automated
- E. User-Defined
- F. **Goal Oriented**

48. Which performance test determines whether the system handles anticipated real-world load?

- A. **Load test**
- B. Volume test
- C. Scalability test
- D. Component test

49. When running a debug run, what should you be looking for?

- A. System Worms as expected under load
- B. **No errors pertaining to running the load test**
- C. All server CPU and memory utilization below 50%
- D. Transaction response times that are higher than expected

50. What is a collection of Vusers within a scenario called?

- A. A set
- B. **A group**
- C. A profile
- D. A scenario

51. When scheduling a scenario, which run modes are available in the Controller? (Select two)

- A. Group
- B. Scenario
- C. Duration
- D. Global Schedule
- E. **Real-Life Schedule**
- F. **Run Until Complete**

52. If you forget to connect to the load generators prior to starting a scenario, what will happen when the START command is issued?

- A. **The Controller will attempt to connect to the load generators then begin the scenario**
- B. An error message will result, stating that connection must first be made to the load generators
- C. The Vusers will automatically move to the FAILED status, and an error message will be issued
- D. The Vusers will remain in the DOWN status until connection to the load generator(s) is manually done

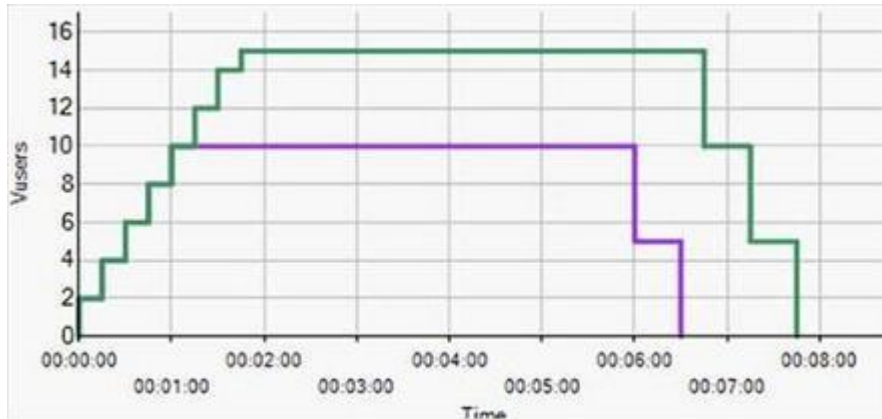
53. What is the recommended logging option in the Run-time setting for a full load test?

- A. Disable
- B. Standard
- C. Extended
- D. **Only when an error occurs**

54. Which scenario run is recommended to set the Run-time setting to Extended Log, Data Returned by Server?

- A. **Debug**
- B. Full Load
- C. Top Time
- D. Scalability

55. Which description describes the schedule shown in the following exhibit?



- A. The scenario is scheduled by scenario, consisting of two groups: one group with 10 Users, the other group with 15 Users, the duration action is set for 5 minutes
- B. The scenario is scheduled by group, consisting of two groups: one group with 10 Users, the other group with 15 Users, each group has the ramp up is set to 1 Users every 5 seconds
- C. The scenario is scheduled by group, consisting of two groups: one group with 10 Users, the other group with 15 Users. Each group has the duration action scheduled for 5 minutes
- D. **The scenario is scheduled by scenario, consisting of one group: the ramp up is set to 2 Users every 20 seconds. The duration is set to 5 minutes and ramp down is set to 5 Users every 30 seconds**

56. You are running a 10% load test. The following exhibit shows a list of business processes, the desired number of business processes per hour, and the number of transactions per business process. How many transactions should complete during the one hour full load test?

Business Process	Goal Number of Business Processes Per Hour	Number Transactions per Business Process
Login	2,000	2
View Children Clothing Item	3,000	3
View Men Clothing Item	2,000	3
View Women Clothing Item	6,000	3
View Household Item	4,000	3
View Shoes	1,000	4
Logout	2,000	1

- A. 2,000
- B. 20,000
- C. **5,500**
- D. 380,000

1. Which of the following is not a form of performance testing?

- 1) Spike testing
- 2) Volume testing
- 3) Transaction testing**
- 4) Endurance testing

2. Which of the following is not a client side statistics in load testing

- 1) Hits per second
- 2) Throughput
- 3) Cache hit ratio**

4) Transaction per second

3. Feasibility study is more important before load testing of _____

1) Web Applications

2) Client-server applications

3) Mainframe applications

4) Citrix applications

4. In Life cycle approach to testing, test execution occurs _____

1) During testing phase

2) During requirement phase

3) During coding phase

4) None of the above.

5. Who is responsible for conducting test readiness review?

1) Test manager

2) Test engineer

3) Both A & B

4) Project Manager

6. What is NOT a test log?

1) Maps the test results to requirements

2) Records test activities

3) Maintains control over the test

4) Contains pass or fail results.

7. When Integration testing should begin _____

1) During black-box testing

2) Once unit testing is complete for the integrating components

3) Before unit testing is complete

4) All of the above

8. Which is NOT a part of integration testing

1) Validation of the links between the clients and server

2) Output interface file accuracy

3) Back-out situations

4) None of the above.

9. When to stop the testing?

1) When all quality goals defined at the start of the project have been met.

2) When running short of time

3) When all test cases are executed

4) All the above

10. Authorization _____

1) Compliance testing

2) Disaster testing

3) Verifying compliance to rules

4) Functional testing

11. File Integrity falls under _____

1) Compliance testing

2) Disaster testing

3) Verifying compliance to rules

4) Functional testing

12. It's an unfair test to perform stress testing at the same time you perform load testing

1) True

2) False

1. Operations testing is _____

- 1) Disaster testing
- 2) Verifying compliance to rules
- 3) Functional testing
- 4) Ease of operations**

2. Security falls under _____

- 1) Compliance testing**
- 2) Disaster testing
- 3) Verifying compliance to rules
- 4) Ease of operations

3. Portability falls under _____

- 1) Compliance testing
- 2) Disaster testing**
- 3) Verifying compliance to rules
- 4) Ease of operations

4. What are the four attributes to be present in any test problem?

- 1) Statement, criteria, effect and cause**
- 2) Priority, fix, schedule and report
- 3) Statement, fix effect and report
- 4) None of the above.

5. Load Testing Tools _____

- 1) Reduces the time spent by the testers
- 2) Reduces the resources spent like hardware
- 3) Are mostly used in web testing
- 4) All of the above**

6. Identify which one is a load condition

- 1) Lost messages**
- 2) Task starts before its prerequisites are met.
- 3) Lost or out of sync messages
- 4) Early end of string

7. State which of the one is false

- 1) In performance testing, usage of tool is a must
- 2) In database testing, database knowledge is a must.
- 3) In Functional Testing, knowledge of business logic is a must
- 4) None of the above.**

8. Load testing emphasizes on performance under load while stress testing emphasizes on _____

- 1) Breaking load**
- 2) Performance under stress
- 3) Performance under load
- 4) There is no such difference, both are same

9. Which of the following is not a form of performance testing?

- 1) Spike testing
- 2) Volume testing
- 3) Transaction testing**
- 4) Endurance testing

10. What is NOT a test log?

- 1) Maps the test results to requirements**
- 2) Records test activities
- 3) Maintains control over the test
- 4) Contains pass or fail results.

11. When Integration testing should begin _____

- 1) During black-box testing
- 2) Once unit testing is complete for the integrating components**
- 3) Before unit testing is complete
- 4) All of the above

12. Which is NOT a part of integration testing

- 1) Validation of the links between the clients and server
- 2) Output interface file accuracy
- 3) Back-out situations
- 4) None of the above.**

13. When to stop testing?

- 1) When all quality goals defined at the start of the project have been met.**
- 2) When running short of time
- 3) When all test cases are executed
- 4) All the above

14. Authorization refers to _____

- 1) Compliance testing
- 2) Disaster testing
- 3) Verifying compliance to rules**
- 4) Functional testing

15. File Integrity falls under _____

- 1) Compliance testing
- 2) Disaster testing
- 3) Verifying compliance to rules
- 4) Functional testing**

16. Operations testing refers to _____

- 1) Compliance testing
- 2) Disaster testing
- 3) Verifying compliance to rules
- 4) Ease of operations**

17. Security falls under _____

- 1) Compliance testing**
- 2) Disaster testing
- 3) Verifying compliance to rules
- 4) Functional testing

18. Portability falls under _____

- 1) Compliance testing
- 2) Disaster testing**
- 3) Verifying compliance to rules
- 4) Functional testing

19. What are the four attributes to be present in any test problem?

1) Statement, criteria, effect and cause

- 2) Priority, fix, schedule and report
- 3) Statement, fix effect and report
- 4) None of the above.

20. Load testing emphasizes on performance under load while stress testing emphasizes on _____

1) Breaking load

- 2) Performance under stress
- 3) Performance under load
- 4) There is no such difference, all are same

1)By default, LoadRunner stores temporary files on the load generator during scenario execution, in a temporary directory specified by the load generator's environment variables.

A) TMP

B) TEMP

C) L_TMP

D) Both A & B

E) Both A & C

2)A the time of creating Vuser Group, to allow the load generator to take part in the scenario, check

A) Enable load generator to take part in the scenario.

B) Enable load generator

C) Enable load generator in the scenario.

D) Enable load generator for scenario.

3)Select the true statement

A) By default, all the Vuser groups displayed in the Scenario Groups pane are enabled to run in the scenario.

B) By default, all the Vuser groups displayed in the Scenario Groups pane are disabled to run in the scenario.

C) By default, some of the Vuser groups displayed in the Scenario Groups pane are enabled to run in the scenario.

D) None

4) While Modifying a Vuser Group, You can modify the script, and load generator for a Vuser group directly from the pane of the Controller, or by using the Group Information dialog box.

A) Scenario Group

B) Scenario Groups

C) Scenario load Groups

D) Scenario vuser Groups

5) To run Visual C++ Vusers on a remote load generator, you must add the of the Vuser to the files used by script list.

A) .dll

B) .Usr

C) .Vsr

D) .h

6) Once you have created your Vuser groups, you can sort them by or

A) group name, script name, quantity of Vusers assigned to the group, load generator name.

B) group name, script name, quality of Vusers assigned to the group, load generator name.

C) group name, Vuser name, quantity of Vusers assigned to the group, load generator name.

D) group name

7) Pausing a Vuser group will not affect its transaction response time.

A) True

B) False

8) Opens one window containing all of the run-time settings in blank mode. In this mode, you set only the options that you would like to modify for all selected scripts. All other run-time settings remain unchanged.

A) Shared RTS

B) Individual RTS

C) Both

D) None

9)The Controller monitors a Windows load generator's CPU usage and automatically stops loading Vusers on a load generator when it becomes overloaded.

A) True

B) False

10)In the Load Generator Information dialog box, select the tab to specify the result directory for the performance data that LoadRunner gathers from each load generator during a scenario.

A) Run-Time File Storage

B) Load-Time File Storage

C) Run-Time Result Storage

D) Load-Time Result Storage

1)Successful load testing requires that you develop a thorough

A) test case

B) test script

C) test plan

D) test guide

2)A scenario includes a list of machines on which Vusers run, a list of scripts that the Vusers run, and a specified number of Vusers or Vuser groups that run during the scenario.

A) True

B) False

3)You can also create a scenario using the, in which you define the total number of Vusers to be used in the scenario, and the load generators and percentage of the total number of Vusers to be assigned to each Vuser script.

A) Percentage Mode

B) LoadRunner Agent

C) performance analyser

D) Controller

4) For Web tests, you can create a scenario, in which you define the goals you want your test to achieve. LoadRunner automatically builds a scenario for you, based on these goals.

A) goal-based

B) goal-oriented

C) goal-test

D) goal-script

5) You can measure network and server response time, including response time of the GUI front end, by running Vusers (not GUI) on the client machine.

A) True

B) False

6) You can use LoadRunner to create on the system: force the system to handle extended activity in a compressed time period to simulate the kind of activity a system would normally experience over a period of weeks or months.

A) Load

B) Stress

C) Volume

D) None

7) By default, the Controller opens with the New Scenario dialog box.

A) False

B) True

8) You can select one of two methods to create a scenario:

A) Manual Scenario

B) Goal-Oriented Scenario

C) Automated Scenario

D) Both A & C

E) Both A & B

9) You can change the maximum number of scripts displayed in the Available Scripts list by modifying the following registry key: HKEY_CURRENT_USER\Software\Mercury Interactive\RecentScripts\.....

A) maximum_num_of_scripts

B) max_num_of_scripts

C) max_number_of_scripts

D) max_num_of_script

10) While selecting the script or scripts that you want to use in your scenario, for choosing a VB Vuser script, browse to locate the,..... file.

A) .vsr

B) .tsr

C) .qsr

D) .usr

E) Both A & D

1)..... saves the dynamic (changing) values, in our case the session ID, to a parameter.

A) Correction

B) Correlation

C) CoSave

D) Both B & C

2) The way to mark a user step as a transaction is to place a begin transaction marker before the first step of the transaction and an end transaction marker after the last step.

- A) True
- B) False

3)A verifies that expected information appears on a Web page while the script is running.

- A) Content Checker
- B) Content Check
- C) Check Content
- D) Both A & C

4)A Scenario gives you control over the number of running Vusers and the times at which they run, and lets you test how many Vusers your application can run simultaneously.

- A) Manual
- B) Goal-oriented
- C) Vuser
- D) none

5)Initialization means preparing the Vusers and the load generators for a load test run by running the action in the script.

- A) vuser_initiation
- B) vuserinit
- C) vuser_init
- D) init_vuser

6)Two types of content checks:

- A) text check & bitmap check
- B) time check & image check
- C) text check & image check
- D) Content check & image check

7)Run Time setting Browser Emulation is used by:

- A) users using different browsers to see their application's performance
- B) users to set the time to wait before repeating the action
- C) users using different network connections such as modem, DSL, and cable
- D) None

8)The tab in the Controller window is the control center from which the test is managed and monitored.

- A) Ready
- B) Scenario

- C) Load
- D) Run

9) You use the Controller's online graphs to view performance data collected by the monitors.

- A) True
- B) False

10) The Throughout graph shows the amount of data (measured in bytes) that the Users receive from the server at any given second.

- A) True
- B) False

1) When emulating users, you should be able to view their actions in real time and make sure they are performing the right steps. The Controller lets you view the actions in real time using the viewer.

A) run-time

B) real-time

C) run-action

D) view-time

2) To check the progress of an individual User during a running test, you can view a containing a text summary of the User's actions.

A) login file

B) logged file

C) log_view file

D) log file

3) The User log will only contain information if you enabled the logging feature in the Run-Time Settings Log tab.

A) True

B) False

4) If an application starts to fail under heavy load, you are likely to encounter errors and failed transactions. The Controller displays error messages in the window.

A) Error

B) Main

C) Output

D) Input

5) To see how well the application performed under load, you need to look at the transaction response time and determine whether the transaction was within an acceptable limit for the customer.

A) True

B) False

6) LoadRunner provides you with different types of goals in a goal-oriented scenario.

A) four

B) nine

C) three

D) five

7) When you design a load test scenario, you can define for the performance metrics.

A) goals

B) service level agreements (SLAs)

C) scripts

D) Both A & C

E) Both A & B

8)Users do not log on and off the system at precisely the same time. To emulate real users, LoadRunner provides the capability in the tab (In the Edit Scenario Goal dialog box,) for users to gradually log on and off the system.

A) Load Goal

B) Load Behavior

C) Load_Goal

D) Goal Load

9)The Hits per Second graph shows the number of hits (HTTP requests) made to the Web server by Vusers during each second of the scenario run.

A) True

B) False

10)It is very important to watch transaction response time to see the response times your customers will have when the server is under load.

A) True

B) False