**PERFOMANCE TESTING INTERVIEW QUESTIONS [ 3YEARS EXP]**

**Main sections to prepare:**

1. **General PT questions**
2. **Tools related questions (which we used in our experience)**
3. **HR questions**
4. **Our quires**

## **General PT questions:**

1. what is PT and why we do PT
2. Tell about yourself and your experience/project
3. What type of project have you worked/which phases your involved?
4. What is PT life cycle
5. How we approach PT for a New application which didn’t performed PT earlier
6. What are details we collect as part of NFR
7. How we test if client didn’t share the concurrent users and volume details for a new application.
8. What are the details present in test plan/test strategy
9. What is entry and exit criteria for PT
10. How we identify the business flows
11. What is SLA
12. What is recording challenges
13. What are scripting challenges
14. What is batch mark and baseline results
15. What is think time and pacing
16. What is work load modelling and how we calculate pacing/what is littles law
17. What metrics and graphs do we observe during execution
18. What is client-side metrics and server-side metrics
19. What metrics we provide to a client once the execution is done
20. What is 90 percentile/standard deviation and its calculation
21. What are hits/second, throughput, bandwidth
22. How we distribute the load to scenarios.
23. Reasons for response time delay and what metric do we check during that time
24. How do you debug if a transaction is failing
25. Reasons for script failing during execution but working in local
26. Which protocols/tools do you worked
27. What is distribution of load
28. What is distributed testing
29. Types of PT testing and why/when we recommend which type of test
30. What are the phases in PT
31. What is bottleneck
32. What is endurance testing /spike testing and when do you recommend
33. How we calculate the LG capacity/number of LG’s required
34. What we do if LG memory/CPU consumption is 90%
35. What is correlation, parameterization and text check
36. How we handle dynamic values
37. What are advantages and disadvantages of load runner and j meter
38. Why script rework is required and how we convince the team/client
39. What is the monitoring/profiling tools you worked and what metrics do you monitor/observe
40. What is architecture and types of architectures
41. How do we calculate the estimation of time for PT (scripting/execution/report preparations)
42. Best practices of scripting/before executions
43. What is ramp up/ramp down/study state
44. HTTP errors codes and it’s reasons [500,501,502,503,etc.,]
45. Once issue is found what’s the next step, we take care?
46. Other than server utilizations what are the reasons for response time delay?
47. Script not recording in tool why?
48. What tools are used for scripts/execution/monitoring
49. Regular Expression concepts
50. Hits per Second vs Throughput and relation between them?

## **Load Runner**

1. What protocols do you worked in LR/available protocols in LR
2. Components in load Runner
3. File extension of LR vugen/controller/analysis
4. Difference between the HTML and URL mode of recording and when we use it
5. Load runner challenges
6. What is the runtime setting/frequently used runtime settings/components in runtime settings
7. Best practices of runtime setting before execution
8. Types of parameters and its available configuration in LR
9. Types of available functions for corrections
10. Types of correction
11. How we install the LR and LRE
12. What is rendezvous point/rendezvous policy how we simulate this in J meter
13. Recording/scripting challenges in LR
14. How we pass unique parameter value in LR
15. Error handling in LR and write one example
16. How do we identify the dynamic value in LR
17. How we correlate the dynamic value if both boundaries are dynamic in nature
18. Write some correlation functions in LR/what is Ord and its use
19. Can we create multiple action in LR /what is Vuser int /what is Vuser end and why
20. File writing/reading in LR
21. C functions in Load Runner and have you used any sting functions like replace/compare/concatenation
22. How we run particular transaction for even/old iterations
23. How to select random value in correlated value of arrays?
24. List some LR functions / C functions?
25. Have you involved in installing LRE/LR
26. Types of Graphs in LRE/ what we observe most
27. Types of scenarios settings in LRE/controller
28. Json correlation functions and how we do?
29. Regular Expressions correction functions
30. Can we put load in LRE during execution? Where and how we do?
31. What is Text Check and functions for it
32. What are Extended logs/ why and when we use?
33. During execution do we enable extended logs? Which type of logs we enable during executions?
34. If we enable extended log during execution it will impact in any response time?
35. What is correlation? What is Ordinal in it?
36. Did you used VTS / VUser table?
37. About Additional attributes in runtime settings and why we use?
38. About V user int and V user end
39. What is web\_submit\_data and web\_submit\_form?
40. Where we import certificates in LR
41. Recording not happening in LR, what we do?
42. How we add Dynatrace header in LR and why we do?

## **J Meter**

1. J meter tool pre requirements to run
2. Components in J meter
3. Hierarchy of elements execution in J meter / Execution order of Test Elements?
4. Non-GUI mode of execution/ command to run/ report in non-GUI
5. Types of Thread Groups
6. Explain Thread Groups and Samplers
7. What is a Test Fragment
8. How we record flows in J meter / difference between in blaze plugin recording vs J meter
9. Which sampler is used for API is recording
10. What contains in Test plan
11. How do we handle dynamic values in J meter
12. What are regular expressions in JMeter
13. What do “contain” and “matches” indicate in regular expressions?
14. Types of assertions /listeners/pre/post/Controllers/Timers
15. Config and non-config elements in J meter
16. Difference between match and contain in assertion
17. Types pre/post processors and what is pre and post processors
18. In J meter is that possible to record mobile phone applications
19. About JSR22 processor
20. Types of graphs in J meter
21. Can we save listener data?
22. What is rendezvous point? How we implement the rendezvous point in J meter
23. What type of thread group in j meter/what you used for ramp up /ramp down / Holding?
24. Difference between Aggerate& summer report
25. Pre/post difference/when we use/did you implemented, for what?
26. How we do parameter and its types & correlations in j meter
27. How we execute J meter scripts GUI or Non-GUI?
28. What files do we upload in blaze meter
29. Recording / scripting challenges in J Meter
30. What is V user int and V user end and how we implement in J meter
31. How we filter result of ramp up and ramp down in J meter and which listener we use for it?
32. Can we monitor Client-side statistics live? In j meter
33. Bean shall pre/post processor? For which purpose did you used?
34. Write file writing/reading code in J meter
35. String manipulations codes in J meter
36. How we pass a file of data as a request body in j meter?
37. How we add DT headers in Script and why?
38. If and while controller in J meter
39. What is once only controller when we use
40. Explain how you can reduce the resource requirement in JMeter?
41. What is distributed load testing? How can it be achieved?

## **Dynatrace**

1. Worked in Monitoring tool? What is pure path in DT
2. How do we analyse in Dynatrace if any degradation/error are observed
3. What metrics we monitor in APM

## **Others:**

1. Have worked with any DB fixing
2. Have to done any Thread Pooling and Heap analysis
3. What is regression testing?
4. Any CI/CD implemented in your project? How?

***Note: other than about questions prepare scenario-based questions as well.***

## **Interview HR Questions:**

* 1. Tell me about yourself
  2. Why you applying this job/why you changing/shifting job?
  3. What do you know about this organization?
  4. Why did you leave your last job?
  5. What are your salary expectations? Why do you offer that much?
  6. Why should we hire you
  7. How would you rate yourself on a scale of 1 to 10?
  8. Explain, how would you be an asset to this organization?

## **Our quires**

1. May I know which areas we I need to improve (ask in Tech round at end)
2. What kind of project/ domain
3. Work timing/shifts work life balance
4. Location/ WFH/Hybrid?
5. Clear on CTC [FIXED + Variable]
6. Another benefit Joining bonus/travel/relocation allowance/Medical/shift allowance/accommodations etc
7. Promotions/Onsite eligibility/Avg Hikes

**Thank You and All the Best👍..**