

Lecture 7

1. Type of software testing that evaluates a software product mainly for the following qualities
 - a. scalability
 - b. stability
 - c. performance
 - d. All
2. How fast are operations performed by the system under certain load?
 - a. scalability
 - b. stability
 - c. performance
3. = time for an operation to complete, including the time spent waiting and being serviced
 - a. latency
 - b. response time
 - c. throughput
4. time an operation spent waiting in a queue
 - a. latency
 - b. response time
 - c. throughput
5. Assume that a GET request consists of
 - a. Tcp connection
 - b. DNS
 - c. Data

6. The rate at which work is completed
 - a. latency
 - b. response time
 - c. throughput
7. [Type the question here]
 - a. [Type an answer here]
 - b. [Type an answer here]
 - c. [Type an answer here]
8. IOPS Stands for
 - a. input output operation completed per second
9. there are two definition of utilization
 - a. time based Definition
 - b. capacity based Definition
 - c. both
10. How much time a resource is busy during a period of time
 - a. time based Definition
 - b. capacity based Definition
 - c. both
11. he extent to which the capacity of a resource was used during a time period
 - a. time based Definition
 - b. capacity based Definition
 - c. both
12. The extent to which a resource has queued work because it cannot accept more work
 - a. saturation

- b. throughput
 - c. non
13. = the resource that limits performance
- a. saturation
 - b. bottleneck**
 - c. html
14. How does the performance of the product change under **increasing load?**
- a. stability
 - b. scalability**
 - c. standardization
15. Does the system perform over long time?
- a. stability**
 - b. scalability
 - c. standardization
16. Does performance gets back to normal after an exceptional situation
- a. stability**
 - b. scalability
 - c. standardization
17. r is a software that can perform load test, performance-oriented business (functional) test, regression test, etc., on different protocols or technologies
- a. sprintometer
 - b. Jmeter**
 - c. vs code
18. jmeter testing include
- a. load testing

b. stress testing

c. both

19. : Modeling the expected usage by simulating multiple user access the Web

a. load testing

b. stress testing

c. both

20. The purpose of is to find the maximum load the web server can handle

a. load testing

b. stress testing

c. both



Jmeter	HP Load Runner
Open source and free to use	It is a licensed tool and costly
Jmeter is cross platform	It works with Window OS and Linux
It has unlimited load generation capacity	It has limited load generation capacity
It is standalone application	It has 3 separate application
Scripting isn't essential in Jmeter	It requires scripting knowledge
Elements are easier to define in Jmeter	Configuring each element is more complex. They all require complex scripting in C

21. Before testing the performance of target web application, we should determine

a. Normal load

b. Heavy load

c. both

22. : Average number of users visit your website

a. Normal load

b. Heavy load

23. The maximum number of users visit your website

a. Normal load

b. Heavy load

24. A useful test plan is created with minimum 3 components –

a. listener

b. HTTP request

c. thread group

25. contains the simulation of multiple concurrent users.

a. listener

b. HTTP request

c. thread group

26. single thread represent

a. multiple users

b. single user

c. Both

27. – It is the application URL which you want to load test.

a. listener

b. HTTP request

c. thread group

28. helps in viewing the result of the whole testing process

- a. **listener**
 - b. HTTP request
 - c. thread group
-

29. [Type the question here]

- a. [Type an answer here]
- b. [Type an answer here]
- c. [Type an answer here]

30. [Type the question here]

- a. [Type an answer here]
- b. [Type an answer here]
- c. [Type an answer here]

31. [Type the question here]

- a. [Type an answer here]
- b. [Type an answer here]
- c. [Type an answer here]

32. [Type the question here]

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- b. [Type an answer here]
- c. [Type an answer here]

33. [Type the question here]

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- c. [Type an answer here]

34. [Type the question here]

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- c. [Type an answer here]

35. [Type the question here]

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36. [Type the question here]

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37. [Type the question here]

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- c. [Type an answer here]

38. [Type the question here]

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- c. [Type an answer here]

39. [Type the question here]

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- c. [Type an answer here]

40. [Type the question here]

- a. [Type an answer here]

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- c. [Type an answer here]

41. [Type the question here]

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- b. [Type an answer here]
- c. [Type an answer here]

42. [Type the question here]

- a. [Type an answer here]
- b. [Type an answer here]
- c. [Type an answer here]

43. [Type the question here]

- a. [Type an answer here]
- b. [Type an answer here]
- c. [Type an answer here]

44. [Type the question here]

- a. [Type an answer here]
- b. [Type an answer here]
- c. [Type an answer here]

45.