Exam Code: 1T6-520
Exam Name: Application Performance Analysis and Troubleshooting
Vendor: Network General Corp
Version: DEMO
Part: A

1: When optimizing application efficiency, an improvement in efficiency from the current 90% to an efficiency of 95% or more should result in ________:
   A. Significantly increased response time
   B. Significantly decreased response time
   C. Significantly increased network utilization
   D. None of the above
   **Correct Answers: D**

2: We can calculate ________ for a file transfer by dividing file size by link speed.
   A. Bandwidth latency
   B. Application efficiency
   C. Congestion delay
   D. Throughput
   **Correct Answers: A**

3: To accurately calculate bandwidth latency we must know _________. (Choose all that apply)
   A. The fastest link speed in the path between client and server
   B. The slowest link speed in the path between client and server
   C. The link speed between the client and the firewall
   D. The distance between the client and the server (based on .66 the speed of light)
   E. All of the above
   **Correct Answers: B**

4: Round-trip distance latency between Phoenix and Singapore (9,081 miles or 14,529 km) is ________.
   A. About 165 milliseconds
   B. About 270 milliseconds
   C. About 500 milliseconds
   D. About 1 second
   **Correct Answers: A**

5: If the predictive analysis results in response time that is slightly more than what users are experiencing, what action should we take?
   A. Review the parameters used in the predictive analysis, this should not happen
   B. Analyze the network, it can not be the application
   C. Analyze the network then the application, it may be either one
   D. Nothing, this is normal
   **Correct Answers: D**

6: Distance latency can be improved by _________.
   A. Relocating client computers to the same switch as the server
   B. Relocating the server to the client location
C. Increasing the bandwidth on the slowest link
D. Reducing the amount of data transmitted across the network
E. Upgrading the interconnecting devices (routers and switches) between the client and the server

Correct Answers: A B

7: Output from the predictive analysis model should match data in the __________.
A. Sniffer Statistics tab
B. Application Profile
C. Ping command
D. All of the above

Correct Answers: B

8: Predictive analysis describes the worst case performance of an application based on the design and configuration of the network.
A. TRUE
B. FALSE

Correct Answers: B

9: 0.002,750.000, as a measure of time, can also be represented as __________.
A. 27 milliseconds
B. 2.75 microseconds
C. 2.75 milliseconds
D. 2.75 nanoseconds

Correct Answers: C

10: If we do not know the speed of all of the links between the client and the server, we can __________ to calculate bandwidth delay.
A. Use our network diagram
B. Estimate based on the 3-way handshake
C. Use the speed of the link nearest the server
D. Use the Line Speed displayed in the Sniffer

Correct Answers: A

11: When conducting a predictive analysis, one of the input parameters to the model is the user task time in seconds. If you do not know this value you can estimate how long the task took (round up to whole seconds) to get a fairly accurate prediction for the task.
A. TRUE
B. FALSE

Correct Answers: B

12: The Predictive Analysis Model requires __________ to be documented as part of the application profile.
A. Task duration and application turns
B. Application turns and Relative time
C. Cumulative bytes and number of tasks
D. File size and total time

**Correct Answers: A**

13: The ________ type of application usually does not have any request/reply interactions after the initial session is established.
A. Interactive
B. Throughput-oriented
C. Transaction-oriented
D. Streaming

**Correct Answers: D**

14: The image below is a view of the Sniffer Expert Connection layer statistics. From the statistics shown we can determine that ________.
A. The client was very busy
B. The server was very busy
C. Very little delay occurred in the transmission of the data
D. Retransmissions had a serious effect on the transmission of the data

**Correct Answers: B**

15: When capturing data for the application profile, it is best to capture ________, when possible.
A. Just the traffic for this application
B. Only the traffic going to or from the server
C. Only the traffic going to or from the client
D. All of the traffic on the network segment

**Correct Answers: D**
16: This image shows one of the Sniffer Monitor applications.

The Sniffer application shown in the graphic can be very useful in analyzing ________.
A. Response time  
B. Application efficiency  
C. Name resolution  
D. Traffic flow  

Correct Answers: D

17: Bandwidth latency can be calculated for an individual frame.
A. TRUE  
B. FALSE  

Correct Answers: A

18: To ensure that you have captured all of the task data, it is recommended that you use ________.
A. The largest capture buffer possible  
B. A restrictive filter  
C. Frame slicing  
D. The capture panel window  

Correct Answers: D

19: A bandwidth consumption graph can help us determine ________.
A. The total amount of data sent by the client  
B. The total amount of data sent by the server  
C. The total amount of bandwidth available to operate the application  
D. The average amount of bandwidth available to operate the application  

Correct Answers: C
20: In a multi-tier application environment, the application server maintains the data store.
A. TRUE
B. FALSE
Correct Answers: B