

**Exam Code:** 000-911

**Exam Name:** Informix-online dynamic server system  
administration

**Vendor:** IBM

**Version:** 3.00

## **Part: A**

1: What is the purpose of checkpoint?

- A.to verify that all transactions have completed
- B.to synchronize pages on disk with pages in memory
- C.to inform the server if a session has committed a transaction
- D.to validate that the database server processes are still running

**Correct Answers: B**

2: Which portion of OnLine shared memory holds information about the thread stack?

- A.resident
- B.virtual
- C.message
- D.page

**Correct Answers: B**

3: Where is an image of a page logged before it is changed?

- A.in the physical log
- B.in the logical log
- C.in the reserved pages
- D.in the session pool

**Correct Answers: A**

4: Where are table spaces (tblspaces) created?

- A.in dbspaces
- B.in pages
- C.in extents
- D.in chunks

**Correct Answers: A**

5: What is a tblspace a collection of?

- A.chunks
- B.dbspaces
- C.blobspaces
- D.extents

**Correct Answers: D**

6: Which is NOT defined as a portion of OnLine shared memory?

- A.resident
- B.virtual
- C.logical
- D.message

**Correct Answers: C**

7: Given the settings in the exhibit, how many entries should be added to the /etc/services file?

DBSERVERNAME	onlineshm
DBSERVERALIASES	onlinetcp
NETTYPE	ipcshm, 1, 50, CPU
NETTYPE	soctcp, 1, 75, NET

- A.0
- B.1
- C.2
- D.3

**Correct Answers: B**

8: Who must have the ONCONFIG environment variable set?

- A.all clients accessing the OnLine system
- B.all local clients accessing the OnLine system
- C.all remote clients accessing the OnLine system
- D.all administrators who are tuning or initializing the OnLine system

**Correct Answers: D**

9: What should the INFORMIXDIR environment variable be set to?

- A.the full path of the Informix binaries
- B.the full path where INFORMIX-OnLine Dynamic Server is installed
- C.the full path of the sqlhost file
- D.the full path to the database chunks

**Correct Answers: B**

10: What does a session launch to achieve parallel processing in a multi-processor system?

- A.multiple processes
- B.multiple threads
- C.multiple sessions
- D.multiple virtual processors

**Correct Answers: B**

11: If kernel AIO is NOT used, database I/O occurs on which virtual process class or classes?

- A.AIO
- B.CPU
- C.ADT
- D.Both CPU and AIO

**Correct Answers: A**

12: What is a virtual processor?

- A.a hardware processor used by OnLine
- B.a database server process

- C.a lightweight thread
- D.a set of hardware processors that run one UNIX process

**Correct Answers: B**

13: Which mechanisms can the client use to connect to the server? (Choose three.)

- A.shared memory
- B.sockets
- C.TLI
- D.listen queues
- E.RPC
- F.DCE

**Correct Answers: A B C**

14: When a client is connecting to OnLine using TCP/IP, which column in the sqlhosts file is used to look up the IP address of the server machine?

- A.dbservername
- B.servicename
- C.hostname
- D.nettype

**Correct Answers: C**

15: Which configuration parameters must directly correspond with an entry in the sqlhosts file? (Choose two.)

- A.INFORMIXSERVER
- B.DBSERVERNAME
- C.DBSERVERALIASES
- D.SESSIONS

**Correct Answers: B C**

16: What does the SHMMAX kernel parameter define?

- A.the maximum number of semaphores
- B.the maximum number of shared memory segments
- C.the maximum size of a single shared memory segment
- D.the maximum number of shared resources

**Correct Answers: C**

17: Which are OnLine configuration parameters? (Choose two.)

- A.SEMMNS
- B.SHMSEG
- C.SHMTOTAL
- D.SHMADD

**Correct Answers: C D**

18: Which UNIX kernel parameter, if set too low, could cause an error if another shared memory

segment is added?

- A.SHMMNI
- B.SEMMNI
- C.SEMMSL
- D.SHMORE

**Correct Answers: A**

19: What is DBSPACETEMP? (Choose two.)

- A.an environment variable
- B.a configuration parameter
- C.a kernel parameter
- D.a shell parameter

**Correct Answers: A B**

20: When first initializing an OnLine system, which utility can be used to set the value of OnLine configuration parameters?

- A.oninit
- B.onspaces
- C.onmonitor
- D.onmode

**Correct Answers: C**