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**Exam :** 000-911

**Title :** Informix-online dynamic server  
system administration

**Vendors :** IBM

**Version :** DEMO

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

**Answer: B**

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

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

**Answer: 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

**Answer: A**

4. Where are table spaces (tblspaces) created?

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

**Answer: A**

5. What is a tblspace a collection of?

- A. chunks

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

**Answer: D**

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

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

**Answer: 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

**Answer: 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

**Answer: 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

**Answer: 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

**Answer: 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

**Answer: 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

**Answer: 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

**Answer:** ABC

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

**Answer:** 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

**Answer:** BC

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

**Answer:** C

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

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

**Answer:** CD

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

**Answer:** A

19. What is DBSPACETEMP? (Choose two.)

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

**Answer:** AB

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

**Answer:** C

21. Which configuration parameter can influence the number of pages that can be stored in shared memory?

- A. PAGES
- B. LOCKS
- C. NUMAIOVPS
- D. BUFFERS

**Answer: D**

22. Which configuration parameter influences the number of pages for an index?

- A. BUFFERS
- B. FILLFACTOR
- C. TBLSPACES
- D. STACKSIZE

**Answer: B**

23. Better performance is directly related to the higher percentage of reads and writes that are done from what?

- A. hard disk
- B. shared memory
- C. physical log
- D. page

**Answer: B**

24. Which command would properly change the group name for a chunk?

- A. chgrp informix filename
- B. chgrp root filename
- C. chgrp informix root filename
- D. chown root filename

**Answer: A**

25. What should the NUMAIOVPS parameter be set to if the kernel AIO is used for all chunks?

- A. 0

- B. 1 or 2
- C. 10 or 11
- D. 20

**Answer: B**

26. What do you run to determine if a chunk is down?

- A. onstat -u
- B. onstat -c
- C. onstat -d
- D. onstat -o

**Answer: C**

27. What does the following query against the sysmaster database retrieve?

```
SELECT tabname FROM systabnames
      WHERE dbsname = "stores7"
```

- A. the number of databases named "stores7"
- B. a list of all tables named "stores7"
- C. all tables in the "stores7" database
- D. any table named "stores7" in any database

**Answer: C**

28. Which is NOT allowed against the sysmaster database?

- A. joins
- B. aggregates
- C. INSERT statements
- D. SELECT statements

**Answer: C**

29. According to the following onstat -k output, how many exclusive locks are placed on rows?

```

Locks
address      wtlst owner      lklist      type      tblsnum rowid  key#
a03b520     0      a0fecac    0           HDR+S     100002 2150  0
a03b54c     0      a0fecac    a03b520 HDR+IX    200003 0      0
a03b578     0      a0ff0e0    0           S         100002 215   0
a03b5a4     0      a0ff0e0    a03b5d0 HDR+X     300003 71f07 0
a03b5d0     0      a0ff0e0    a03b578 IX        200003 0      0
a03b5fc     0      a0fecac    a03b54c HDR+X     300003 71f08 0
6 active, 2000 total, 2048 hash buckets
    
```

- A. 0
- B. 1
- C. 2
- D. 4

**Answer: C**

30. Which utility displays the contents of the reserved pages?

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

**Answer: B**