PASSTCERT
QUESTION & ANSWER

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Exam : **000-911**

Title : Informix-online dynamic server system adminsitration

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       wtlist 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