Exam Code: 000-737

Exam Name: DB2 9 System Administrator for z/OS Exam

Vendor: IBM

Version: DEMO

Part: A

1: By examining a DB2 accounting report, how can you determine if DASD I/O contention is a factor in a poor performing application?

A.Divide the number of get pages by the number of synchronous I/Os.

B.Divide the synchronous I/O wait time by the number of synchronous I/Os.

C.Divide the asynchronous I/O wait time by the number of synchronous I/Os.

D.Divide the class 2 elapsed time by the number of synchronous I/Os.

Correct Answers: B

2: Which two statements regarding system parameters are true? (Choose two.)

A.Indexes can now be mapped to 8K and 16K buffer pools assigned by default using the system parameter IDXBPOOL.

B.Implicit table space data sets are always defined at create time without a system parameter to override this behavior.

C.Indexes can be compressed for an entire subsystem by setting the IDXCOMP system parameter to YES.

D.The default for BIND option DBPROTOCOL can no longer be specified using the system parameter DBPROTCL.

E.The amount of work file storage used by any one agent cannot be controlled via system parameters.

Correct Answers: A D

3: After migrating to DB2 9 for z/OS NFM you recognize that you need additional work file database page sets. Which statement is correct?

A.You must use REXX exec DSNTWFG.

B.Work file database page sets are always user-controlled, that is the associated VSAM clusters must be created prior to the actual creation.

C.Work file database must be stopped in order to add page sets to it using either DSNTWFG exec or CREATE TABLESPACE.

D.You can use either DSNTWFG exec or CREATE TABLESPACE to add additional page sets to the work file database.

Correct Answers: D

4: Which system parameter will lower the DBM1 storage requirements (below the 2 GB bar), if the value was reduced?

A.MAXDBAT

B.EDM_SKELETON_POOL

C.MXDTCACH

D.MINSTOR

Correct Answers: A

5: Which case would require you to perform a DB2 conditional restart?

A.The DASD subsystem has experienced a major problem and the primary active log data sets are

lost. A peer-to-peer remote copy (PPRC) is not available.

B.The DB2 system fails during normal processing because of an exceptional peak in the workload. Normal restart abends in the log apply phase whenever DB2 is started.

C.During restart, the back out phase is taking too long because a long running job that executed many updates and never committed. The only way to bypass the long back out phase is to perform a conditional restart with BACKOUT=NO.

D.The system suffered an outage because of a DASD subsystem failure. The logs are available but not the table spaces and index spaces.

Correct Answers: B

6: You have a problem where a buffer pool runs out of write engines, which action should be taken?

A.Dynamically increase the number of write engines on the subsystem.

B.Lower the VDWQT write threshold to keep the writes more constant.

C.Increase the DWQT to have more pages written at once.

D.Alter the buffer pool to use PGFIX(NO).

Correct Answers: B

7: Your administrative scheduler shows message DSNA679I indicating that one or both copies of your task lists is not accessible or is corrupted. Your analysis shows that only the VSAM file is corrupt, but the ADMIN_TASKS table is still operational.

Which statement describes how to correct this situation?

A.Create an empty version of the VSAM task list and let DB2 perform an autonomic recovery using the content of the ADMIN_TASKS table.

B.Create an empty version of the VSAM task list and use REPRO utility to copy the contents of the VSAM cluster containing the ADMIN_TASKS table.

C.Create an empty version of the VSAM task list and use DB2 command -RECOVER TASKLIST to recover the content of the ADMIN_TASKS table.

D.No manual interaction is needed as long as the ADMIN_TASKS table is still accessible.

Correct Answers: A

8: Which single DB2 system parameter must be enabled to allow system level backups to be used for object level recovery?

A.RESTORE_SYSTEM

B.RESTORE_ RECOVER_FROMDUMP

C.SYSTEM_LEVEL_BACKUPS

D.RESTORE_BACKUP

Correct Answers: C

9: Batch jobs regularly fail when they are in the process of inserting a large number of rows into a DECLARE GLOBAL TEMPORARY TABLE. (DGTT) Which two statements accurately describe what could be causing this problem? (Choose two.)

A.The table space that was selected to store the DGTT in the TEMP database is too small to store

all the rows of the DGTT.

B.The WORKFILE database is too small.

C.There is too much concurrent activity against the TEMP database to be able to handle all the DGTT activity that is going on.

D.The user is exceeding the maximum amount of temporary space that can be used by an agent (MAXTEMPS) DSNZPARM setting.

E.There are too many DB2 utilities running at the same time as the job inserting rows into the DGTT.

Correct Answers: B D

10: Which three statements are correct for automatic management of buffer pool storage in DB2 9? (Choose three.)

A.You do not need to ALTER BUFFERPOOL with AUTOSIZE(YES) to enable this functionality.

B.DB2 provides sizing information to WLM.

C.DB2 communicates to WLM each time allied agents encounter delays due to read I/O.

D.DB2 periodically reports BPOOL size and random read hit ratios to WLM.

E.The automatic altered buffer pool sizes are resized to the original with the recycle of the DB2 sub-system.

Correct Answers: B C D

11: You are planning the migration of your DB2 subsystem from version 8 to version 9. Rebinding existing packages is highly recommended, but you are also worrying about potential problems that might occur with new access paths after rebind. Which action gives you the option to rebind packages with the ability to fall back to the original access path if performance problems are encountered?

A.Use REBIND PACKAGE option PLANMGMT(BASIC) or (EXTENDED).

B.Use REBIND PACKAGE option REOPT(ONCE).

C.Use REBIND PACKAGE option OPTHINT.

D.Use REBIND PACKAGE option KEEPDYNAMIC(YES).

Correct Answers: A

12: DSNDB06.SYSPLAN runs out of space. Which steps should be performed to resolve the situation?

A.1) COPY DSNDB06.SYSPLAN.

2) Stop DSNDB06.SYSPLAN.

3) Delete DSNDB06.SYSPLAN VSAM data set.

4) Define DSNDB06.SYSPLAN VSAM data set with more space.

5) Start DSNDB06.SYSPLAN.

6) RECOVER DSNDB06.SYSPLAN.

B.1) UNLOAD DSNDB06.SYSPLAN.

2) Stop DSNDB06.SYSPLAN.

3) Delete DSNDB06.SYSPLAN VSAM data set.

4) Define DSNDB06.SYSPLAN VSAM data set with more space.

5) Start DSNDB06.SYSPLAN.

6) LOAD DSNDB06.SYSPLAN.

C.1) UNLOAD DSNDB06.SYSPLAN.

2) ALTER PRIQTY to a larger value.

3) LOAD REPLACE DSNDB06.SYSCOPY.

D.1) REORG UNLOAD SHRLEVEL REFERENCE DSNDB06.SYSPLAN.

2) Stop DSNDB06.SYSPLAN.

3) Delete DSNDB06.SYSPLAN VSAM data set.

4) Define DSNDB06.SYSPLAN VSAM data set with more space.

5) Start DSNDB06.SYSPLAN.

6) REORG RESUME DSNDB06.SYSPLAN.

Correct Answers: A

13: Regarding SVC dumps for the DBM1 address space, what should be reviewed to determine the DB2 failing component?

A.the GRS summary

B.the LOGREC symptom string

C.the RMM Control Block Analysis

D.the RSM summary

Correct Answers: B

14: A number of jobs are waiting for an allied connection to access a DB2 subsystem. What should be done to increase the number of allied connections that can be allocated concurrently?

A.Increase the value of MAXDBAT.

B.Increase the value of CTHREAD.

C.Increase the value of MAXKEEPD.

D.Increase the value of MAXDS.

Correct Answers: B

15: A DASD controller error occurs which results in all of the active logs being marked as "STOPPED" by DB2. Which steps should be performed to resolve the log status after the controller error has been repaired?

A.1) Stop DB2.

2) Start DB2.

B.1) Stop DB2.

2) REPRO the archive logs to the corresponding active logs.

3) Start DB2.

C.1) Stop DB2.

2) Use DSN1LOGP to make sure last log record written matches the information in the BSDS.

3) Do a conditional restart specifying ENDRBA to the highest RBA in the log.

D.1) Use the change log inventory utility (DSNJU003) to delete the active logs from the BSDS.

2) Use the change log inventory utility (DSNJU003) to add the active logs back into the BSDS.

Correct Answers: D

16: Which statement is true regarding disaster recovery scenarios?

A.When using the RESTORE SYSTEM utility, each DB2 member must use the same SYSPITR value when creating conditional restart control records (CRCR).

B.When using an advanced disk mirroring solution, a conditional restart of DB2 must still be performed at the disaster site.

C.With a synchronous peer to peer replication solution, a group restart is not required for a data sharing group since everything is synchronously mirrored.

D.A backup taken from the BACKUP SYSTEM utility cannot be used for object level recovery for the catalog/directory during a disaster recovery scenario.

Correct Answers: A

17: Which two actions must be performed for a data sharing traditional image copy disaster recovery? (Choose two.)

A.Use STARTRBA=ENDRBA for the conditional restart control record.

B.Start DB2 using the LIGHT(YES) keyword.

C.Use DEFER=ALL in the system parameters during the first restart.

D.Modify the IRLM start up proc to specify SCOPE=LOCAL.

E.Use the SETXCF FORCE command to delete DB2 CF structures.

Correct Answers: C E

18: An accounting trace shows a high get page per SQL ratio for a query which retrieves just one row each time it is executed. Which two situations could account for the high ratio? (Choose two.)

A.Use of a matching unique index scan.

B.Use of a nonmatching index scan.

C.Use of an index with low cardinality.

D.Use of an index with high cardinality.

E.Use of a single column index that is a GENERATED ALWAYS identity column.

Correct Answers: B C

19: What is the recommended relative address space (highest to lowest) dispatching priority for these components?

A.DBM1, IRLM, MSTR, DB2 performance monitors

B.IRLM, MSTR, DB2 performance monitors, DBM1

C.IRLM, DB2 performance monitors, DBM1, MSTR

D.MSTR, IRLM, DB2 performance monitors, DBM1

Correct Answers: C

20: You encounter a wait situation while running a BACKUP SYSTEM utility. Which two processes might contribute to this wait situation? (Choose two.)

A.CREATE TABLESPACE TS1 NUMPARTS 25 SEGSIZE 4 IN DATABASE DB1

B.LOCK TABLE TB1 PARTITION 5 IN EXCLUSIVE MODE

C.SELECT * FROM TABLE TB1 WITH RR

D.SET CURRENT DECFLOAT ROUNDING MODE=ROUND_CEILING

E.TRUNCATE TABLE TB1 DROP STORAGE

Correct Answers: A E