▲ Try again once you are ready

Grade received 64%

Latest Submission Grade 64% To pass 80% or higher

Try again

1.	In which phase of the database lifecycle does the database administrator determine the purpose and scope of the database?		
	Implementation		
	Monitor and maintain		
	Requirements analysis		
	Design and plan		
	∠ ⁷ Expand		
	⊗ Incorrect		
	Refer to the Database Management Lifecycle video.		
2.	Which of the following database objects defines a set of actions performed in response to an insert, update, or delete on a specified table?	1 / 1 point	
	detect on a specified above.		
	○ Constraint		
	○ Event		
	Trigger		
	○ Index		
	 ∠ Expand ○ Correct A trigger defines a set of actions performed in response to an insert, update, or delete on a specified table. 		
3.	What is the first step to modify the configuration of an on-premises relational database?	0 / 1 point	
	Monitor the configuration settings.		
	Modify the configuration file.		
	Stop the database service.		
	Start the database service.		
	∠ [≯] Expand		
	Incorrect Refer to the System Objects and Database Configuration video.		
4.	A storage group is a grouping of storage paths or containers based on which of the following?	0 / 1 point	
	O Performance		
	Performance		
	Name		
	© Capacity		
	Age		
	∠ ⁷ Expand		

⊗ Incorrect Refer to the Database Storage video.	
5. What is one advantage of logical backups over physical backups?	1 / 1 point
Logical backups allow you to recreate the database on another system.	
O Logical backups are often smaller and quicker.	
O Logical backups are useful for large databases that require fast recovery times.	
Logical backups create copies of all the data files and directories.	
∠ [™] Expand	
✓ Correct A logical backup creates a file containing DDL and DML commands that recreate the objects and data in the database. With this file, you can recreate the database on the same or another system.	
5. Transaction logs typically have which of the following characteristics?	1/1 point
O Plain text	
O No encryption	
Human readable	
Binary format	
∠ [™] Expand	
 Correct Many types of logs, such as diagnostic and error logs, are mostly in text format and are human readable. However, transaction logs are typically in binary formats that are sometimes encrypted and require specialized tools to format and display contents. 	
7. What is one advantage of differential backups over full backups?	1/1 point
Greater data security	
Quicker backup process	
Better file integrity	
○ Simpler restore method	
∠ [™] Expand	
✓ Correct Differential backups are quicker to run than full backups, but the restore process can take longer.	
3. Which of the following is true?	1/1 point
Reports can be automated, but notifications and alerts cannot. You can configure the content of a report, but the frequency is always the same.	
The method of automating reports, notifications, and alerts varies depending on which RDBMS	
you use. You cannot automate using a graphic user interface.	
∠ [≯] Expand	
✓ Correct Different systems have different processes to automate these.	

9. Which security method ensures that each user has the appropriate level of access to objects and data?	1 / 1 point
Authentication	
Authorization	
Auditing	
○ Encryption	
O 2.0., p. 1.	
∠ [™] Expand	
 Correct Through authorization, you grant each user the appropriate permissions, or privileges, to access objects 	
and data.	
10. Which of these is NOT a decision you must make about implementing a backup plan?	1/1 point
20 Thier of diese is not a decision you make about implementing a success plant	1/1 point
○ Encryption	
O Hot or cold backup	
Physical or logical backup	
Who will be responsible for the plan	
∠ ⁷ Expand	
As DBA, the plan will be your responsibility.	
11 What do database groups and database raise base in comman?	
11. What do database groups and database roles have in common?	1/1 point
Both confer privileges and access rights to all users within a given category.	
Both grant users full access to the data by default.	
Both allow for only a limited number of users at a time.	
Both are exempt from the principle of least privilege.	
∠ ⁷ Expand	
⟨→ Correct	
Database groups and database roles are similar in that they both confer privileges and access rights to all	
users within the group or role, respectively.	
12. The GRANT connect statement connects a user or group to a database. What else does the GRANT statement do?	0/1 point
22 The south connect successful connected a set of group to a database. This case does the object of successful connected as a set of group to a database.	o/I point
Reject	
Oelete	
Grant user permissions to create objects	
Add privileges	
∠ ⁷ Expand	
⊗ Incorrect	
Please review the Managing Access to Databases and Their Objects video.	

13. Which storage engine available in MySQL is suitable for most data storage needs?

1/1 point

MyISAM	
BLACKHOLE	
● InnoDB	
√ ⁷ Expand	
Correct InnoDB is suitable for most data storage needs and is MySQL's default storage engine.	
Which of the following is a method you can use to audit database activity?	0 / 1 poir
Enable full-scale encryption of all database files.	
Use a user validation function built into the database system.	
Run an SQL injection string on your database.	
Attach actions to events that occur in the database.	
∠ ⁷ Expand	
⊗ Incorrect	
Refer to the Auditing Database Activity video.	
What is used to encrypt data into an unreadable string, called a cyphertext?	1 / 1 poi
○ Kaua	
○ Keys	
O Society Association	
Security templates	
Algorithms	
∠ ⁷ Expand	
⊘ Correct	
Algorithms change the data so that nobody can decipher the text without a key.	
n which form of encryption is encryption and decryption invisible to users because the database handles both	1 / 1 poir
asks?	1/1/2011
A annual translation	
L. L. ASVITUDETTIC PROTYDUOD	
Asymmetric encryption	
○ Symmetric encryption	
Symmetric encryption Advanced encryption	
○ Symmetric encryption	
Symmetric encryption Advanced encryption	
Symmetric encryption Advanced encryption Transparent data encryption	
Symmetric encryption Advanced encryption	
Symmetric encryption Advanced encryption Transparent data encryption	
Symmetric encryption Advanced encryption Transparent data encryption Expand Correct Many modern databases support transparent data encryption, or TDE. In TDE, the database engine	
Symmetric encryption Advanced encryption Transparent data encryption **Expand** Correct**	
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Symmetric encryption Advanced encryption Transparent data encryption Expand Correct Many modern databases support transparent data encryption, or TDE. In TDE, the database engine	1/1 point
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Symmetric encryption Advanced encryption Transparent data encryption Expand Correct Many modern databases support transparent data encryption, or TDE. In TDE, the database engine encrypts and decrypts the data, so neither task is visible to users.	1/1 poir
Symmetric encryption Advanced encryption Transparent data encryption Variable Expand Correct Many modern databases support transparent data encryption, or TDE. In TDE, the database engine encrypts and decrypts the data, so neither task is visible to users. What does database throughput measure?	1/1 poir

Active network connections

∠ ⁷ Expand	
Correct Database throughput indicates how much total work is being taken on by your database and is typically measured by the number of queries executed per second.	
3. Which MySQL server log records connections and queries received from clients?	1/1 point
General query log	
Relay log	
○ Error log	
○ Slow query log	
_∠ [™] Expand	
⊘ Correct The general query log records connections and queries received from clients.	
. Which tool can you use to monitor your database in real-time?	0/1 point
	, ,
Monitoring snapshots	
System monitors Event monitors	
Monitoring tables	
∠ ⁷ Expand	
What is the process of monitoring database changes to quickly identify weak links and performance issues? Alert log file cleanup Schema object check	0/1 point
Database configuration check	
O Data dictionary check	
∠ [∧] Expand	
⊗ Incorrect Refer to the Overview of Database Tasks video.	
• In Db2, what does the RUNSTATS command do?	1/1 point
Reorganizes physical storage of table data	
Frees up space on all tables	
Reconstructs and compacts table data	
Updates statistics in the system catalog	
∠ ⁷ Expand	

Correct

Statistical views.	
22. There are a few core principles to consider when designing indexes. Which core principle involves knowing size of the data sets that the database will contain?	0 / 1 point
Understand the characteristics of the columns.	
Understand the most frequently used queries.	
Understand how the database will be used.	
Understand the indexing options for better performance.	
∠ [¬] Expand	
⊗ Incorrect	
Refer to the Using Indexes video.	
23. Server configuration issues can severely effect performance and operations. Which of the following issues can require software patches?	1/1 point
Out of disk space	
Oisk fragmentation	
Improper storage configuration	
Bugs in OS or RDBMS	
∠ [™] Expand	
⊘ Correct	
Bugs can result in errors and crashes, so regularly apply software patches and security updates.	
24. Which of the following SQL server logs shows informational and error events?	0 / 1 point
○ Trace log	
Object log	
© Event log	
Error log	
∠ ⁷ Expand	
Incorrect Refer to the Using Status Variables, Error Codes, and Documentation video.	
neter to the osting status variables, error codes, and became nation video.	
25. Which of the following are basic ethical concepts that support good data security practices? Select the three choices that apply.	1 / 1 point
✓ Transparency	
✓ Correct	
When you collect data, you should be transparent about what data you will collect, what you will do with the data, who will have access to the data, how you will store the data, and how you will dispose of the data when finished with it.	
☐ Efficiency	
✓ Consent	
Correct You should get clear consent from data owners before you collect their data. This agreement should detail what data you will be allowed to collect and how you will be allowed to use it.	

Integrity

The RUNSTATS command updates statistics about the characteristics of a table, associated indexes, or



Be clear about your procedures and policies and follow them consistently. As far as you can, ensure that others in your organization also follow the correct procedures and policies.





⊘ Correct

Great, you got all the right answers.