

▲ Try again once you are ready

Grade received 68% Latest Submission Grade 68%

Logical backups create copies of all the data files and directories.

To pass 80% or higher

Try again

In which phase of the database lifecycle does the database administrator determine the purpose and scope of the database?	1/1 point
Requirements analysis	
Monitor and maintain	
O Design and plan	
Implementation	
∠ ⁷ Expand	
Correct In the requirements analysis stage, database administrators determine the purpose and scope of the database by interviewing data users and producers, examining the data, and creating samples.	
Which of the following database objects defines a set of actions performed in response to an insert, update, or delete on a specified table?	0/1 point
Constraint	
○ Trigger	
○ Index	
Event	
∠ ⁷ Expand	
,	
© Configuration	1/1 point
ConfigurationColumnSystemParameter	1/1 point
Column System	1/1 point
Column System Parameter	1/1 point
Column System Parameter ∠* Expand ⊘ Correct	1/1 point
Column System Parameter **Expand Correct The system information is saved into files known as configuration or initialization files.	
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∠ [™] Expand	
Incorrect Refer to the Introduction to Backup and Restore video.	
6. Transaction logs typically have which of the following characteristics?	1/1 point
O Plain text	
Binary format	
○ No encryption	
Human readable	
∠ ⁷ 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 happens if you store backup data outside the RDBMS?	1 / 1 point
O Difficult to access	
Must secure backup copy	
Olfficulty restoring	
Complicates backup/restore	
∠ ⁷ Expand	
If you store a complete copy of data outside of the RDBMS, then it must be secured so that it can't be accessed by unauthorized users.	
Alerts Reports Notifications Traces	
Refer to the Automating Reports and Alerts video.	
9. Which security method verifies that users are who they say they are?	1 / 1 point
Authorization	
Authentication	
○ Encryption	
Auditing	
∠ [™] Expand	
Correct Authentication is a process of verifying that users are who they claim to be. For example, an authentication system may validate credentials such as username and password.	
10. When creating a backup and restore policy, you must consider the frequency with which you should backup data. Which of the following factors should determine this frequency?	0 / 1 point
Use of manual or automated backup	
Time of day that users commonly access the data	
Sensitivity and proprietary nature of the data	
Impact of data loss on your business	

∠ [∞] Expand	
11. When you first create a database user, how many permissions will the user generally have by default?	0 / 1 point
The user will have just one permission.	
The user will have few or no permissions.	
The user will have all existing permissions.	
The user will have up to five permissions.	
∠ [™] Expand	
12. Which of the following statements can you use to remove privileges granted to a user?	1/1 point
O DELETE	
○ GRANT ○ UPDATE	
REVOKE	
∠ ⁷ Expand	
 Correct You can use the REVOKE statement to remove privileges granted to a user. 	
13. Which of these is NOT a common command for managing storage engines in MySQL?	0 / 1 point
○ ALTER TABLE	
CREATE ENGINE	
CREATE TABLE	
○ SHOW ENGINES	
∠ ⁷ Expand	
⊗ Incorrect	
Please review the MySQL Storage Engines reading.	
14. Which of the following is an action you can take to help you identify potential future attacks, such as brute force attempts, on your system?	1/1 point
Implementing strong encryption for all data	
Testing and monitoring the security of applications Using data masking to anonymize user data	
Tracking failed attempts to access the database	
∠ ⁷ Expand	
Correct You should track failed attempts to access the database, as these can help you to identify potential attacks, such as brute force attempts, on your system.	
AF Which the after a street was a street with a street was a street was a street was a street was a street with a street was a stree	
15. Which type of encryption uses a public and a private key?	1 / 1 point
Symmetric encryption	
Asymmetric encryption Full disk encryption	
Transparent data encryption	
∠ ⁸ Expand	
 Correct Asymmetric encryption. also known as public key encryption, uses a public key and a private key. You 	

6. What is the main difference between symmetric and asymmetric encryption?	1 / 1 point
○ Shared keys	
Oata encryption standard	
Number of keys	
Advanced encryption	
∠ ^A Expand	
© Correct	
Symmetric encryption uses the same key for encryption and decryption. Asymmetric encryption uses a public key for encryption and a private key for decryption.	
7. Which level of database monitoring is often the most misleading?	0 / 1 point
Query	
User	
Platform	
Infrastructure	
Intrastructure	
∠ [∞] Expand	
⊗ Incorrect Refer to the Monitoring Usage and Performance - Part 1 video.	
B. Which log is most useful for troubleshooting database problems?	1/1 point
Diagnostic log	
User session log	
Query log	
Oatabase transaction log	
_e [™] Expand	
Correct The diagnostic log is a record of significant events and errors in chronological order and is very useful for diagnosing or troubleshooting problems.	
Which tool captures historical information about specific database operations that occur over a given time period?	1 / 1 point
Monitoring tables	
○ Snapshot monitors	
Monitoring clients	
Event monitors	
∠ ^A Expand	
⊙ Correct	
Event monitors capture information about database operations over time as specific types of events occur.	
b. What is the automated database task that determines how efficient the database system is?	1/1 point
0.20	
Database configuration check	
Schema object check	
Database health check	
Trace file cleanup	
∠ [™] Expand	
⊘ Correct	
The database health check is the process of inspecting a database system to determine the system's health and efficiency.	

	QL, what does the OPTIMIZE TABLE command do?	1/1 poir
_	Generates statistics about a table's data	
\circ	Fixes a possibly corrupted table	
	Reorganizes physical storage of table data	
0	Shows a checksum for the contents of a table	
Z7	Expand	
	Correct The OPTIMIZE TABLE command reorganizes the physical storage of table data and associated index data. This reorganization reduces storage space and improves I/O efficiency when accessing the table.	
	to the congenitation reduces sorting space and improves to concernly men decessing the district	
	are a few core principles to consider when designing indexes. Which core principle involves knowing what upe is contained in the index?	1 / 1 poir
0	Understand the most frequently used queries	
0	Determine best location to store index	
0	Understand how database is used	
•	Understand characteristics of columns	
7	Expand	
_	Correct	
	Knowing what kind of data columns will contain can help you choose an appropriate index type.	
Which	of the following actions might resolve basic connectivity issues?	1 / 1 poir
0	Defragmenting the hard disk on which the data resides	
0	Adding more physical RAM or physical disk space to the server	
_	Changing database buffering or database indexing	
	Verifying that the database can be reached from the client	
_		
V ^N	Expand	
(Correct The common step in resolving a connectivity issue is to verify that the database can be reached from the client. A typical way to perform this verification is to use the PING command from the client to communicate with the server's IP address or host name.	
Which	of the following SQL server logs shows informational and error events?	0 / 1 poir
	Object log	
	Event log	
_	Error log	
0	Trace log	
V 7	Expand	
	ncorrect Refer to the Using Status Variables, Error Codes, and Documentation video.	
Arl		
	of the following are factors you should consider to ensure that the data in your system is secure? Select the choices that apply.	1 / 1 poir
V	Protection from malicious access	
	✓ Correct	
·	Update cybersecurity software and scanning lists frequently. You should also educate users about phishing and other ways that they can unwittingly enable malicious access.	
	Efficiency of file transfer	
\checkmark	Accurate access	
~	Correct	

Secure movement



Data can be particularly vulnerable to interception when moved into or out of storage. Consider safe transfer methods as carefully as you plan the safety for the rest of your





○ correct
 Great, you got all the right answers.